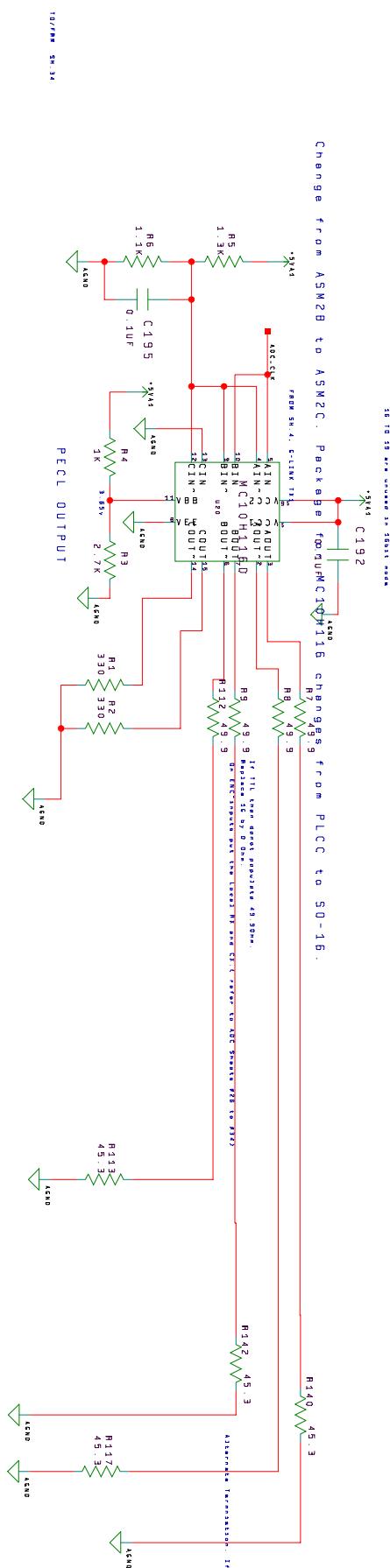
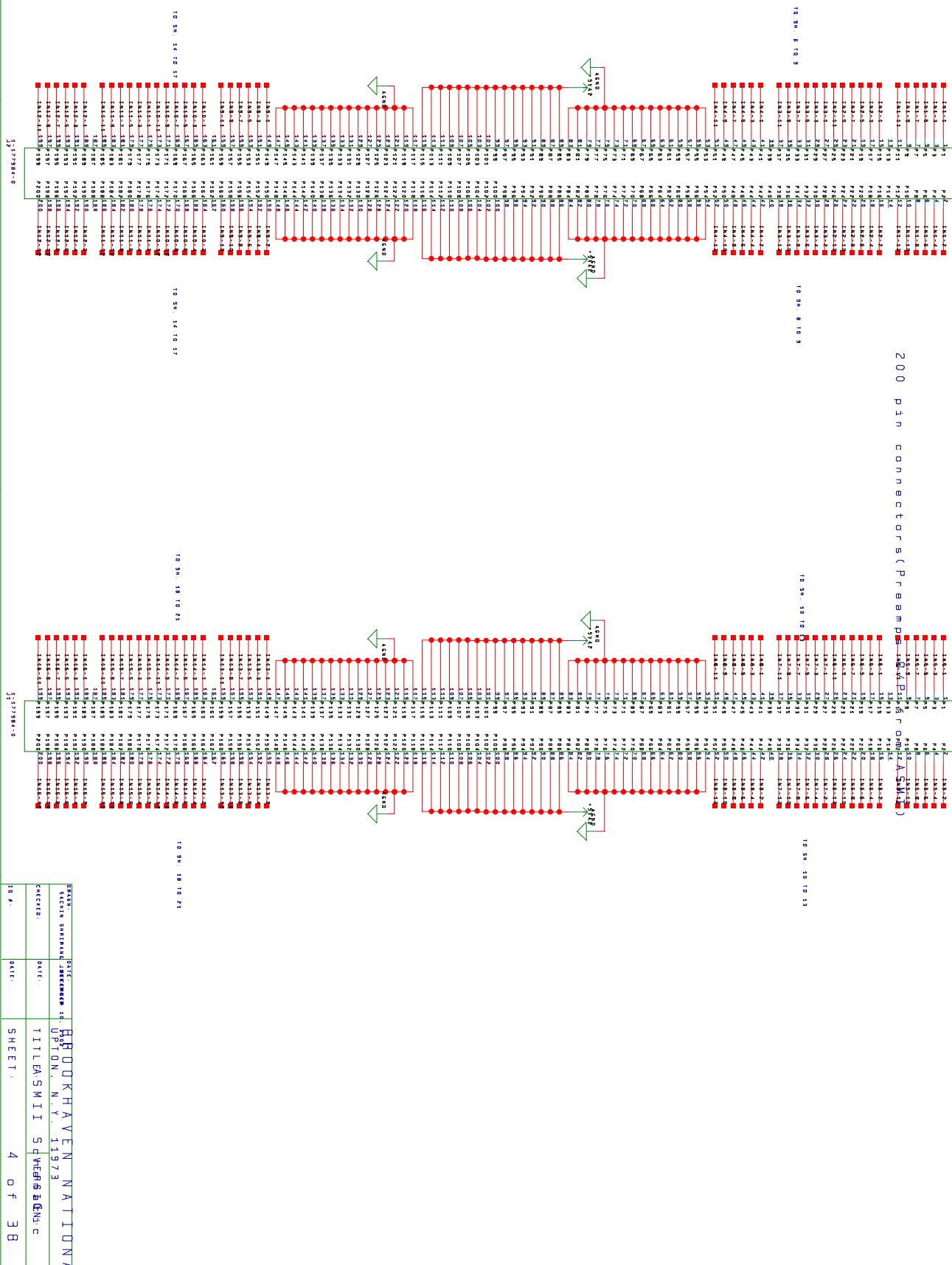


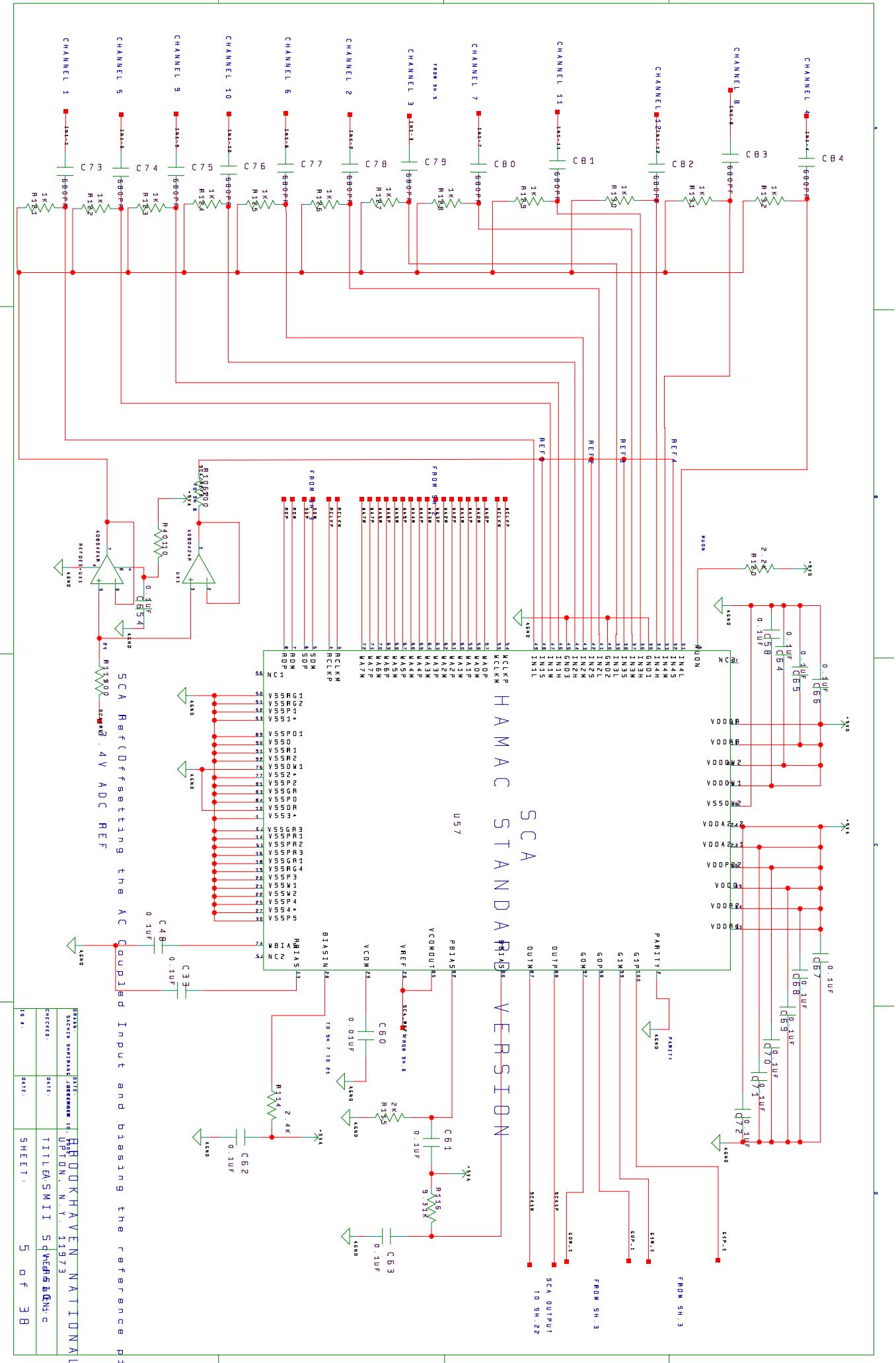
DR. SACHIN SHRIKANT JAKKAMBI, DENTIST, ROHOK HAVEN NATIONAL

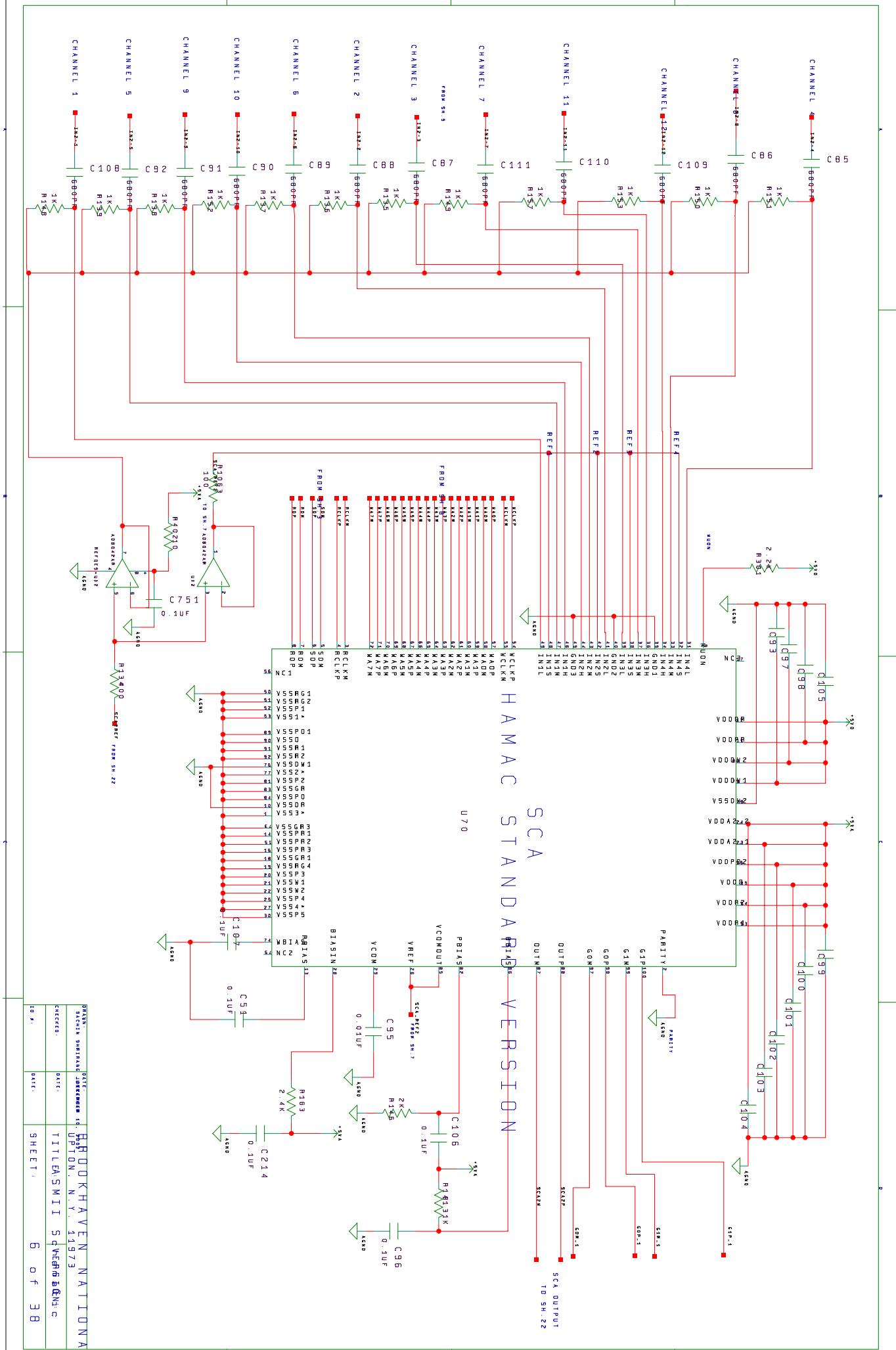


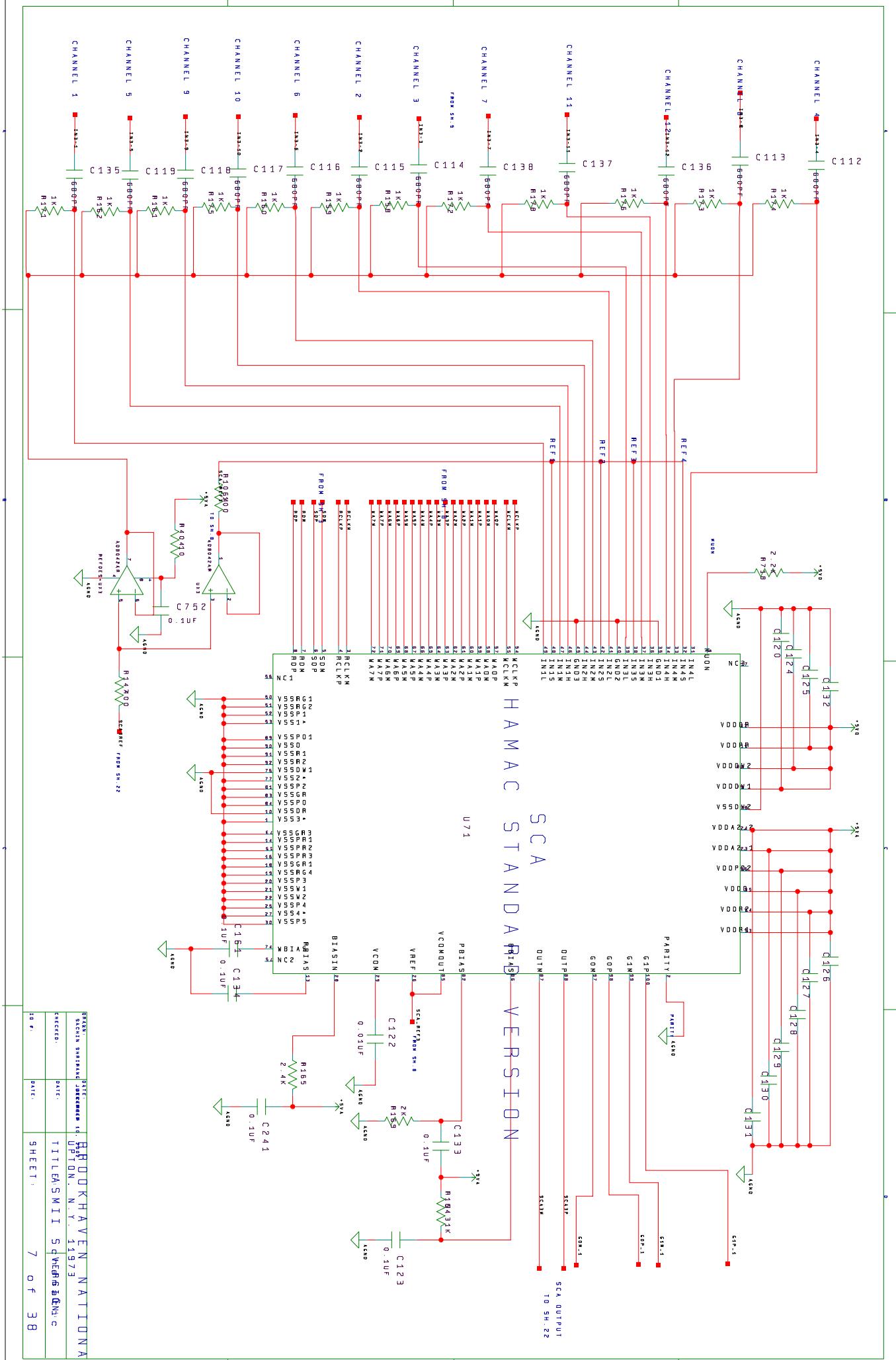
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SEARCHED	SERIALIZED	INDEXED	FILED
JULY 1 1953		FEDERAL BUREAU OF INVESTIGATION U. S. DEPARTMENT OF JUSTICE NEW YORK OFFICE	
TITLE: ESMITH, LEONARD SCHWABE			



DRAEN. SACHIN SHRIHANG JUNE 10, 2002 BROOKHAVEN NATIONAL

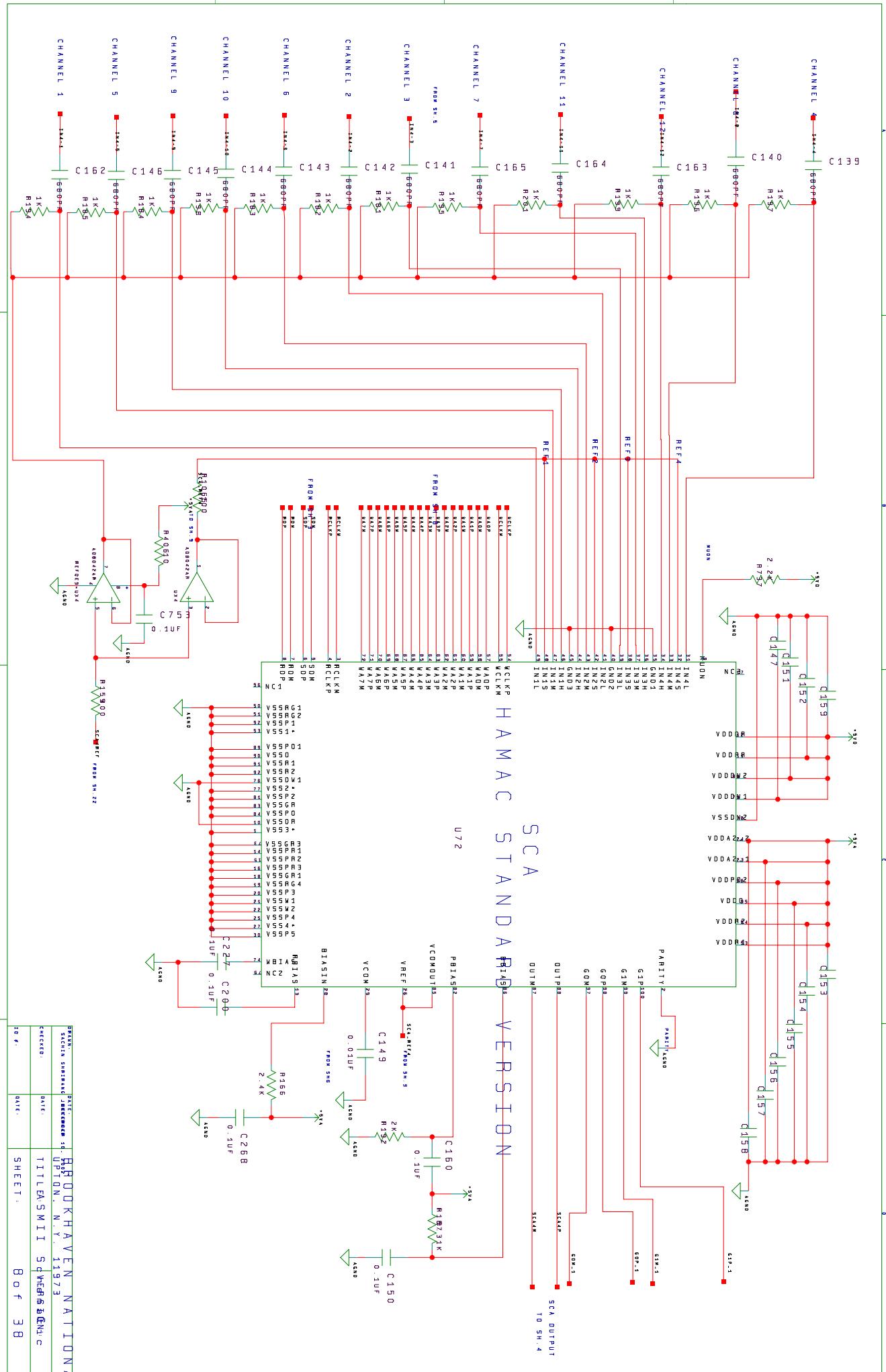






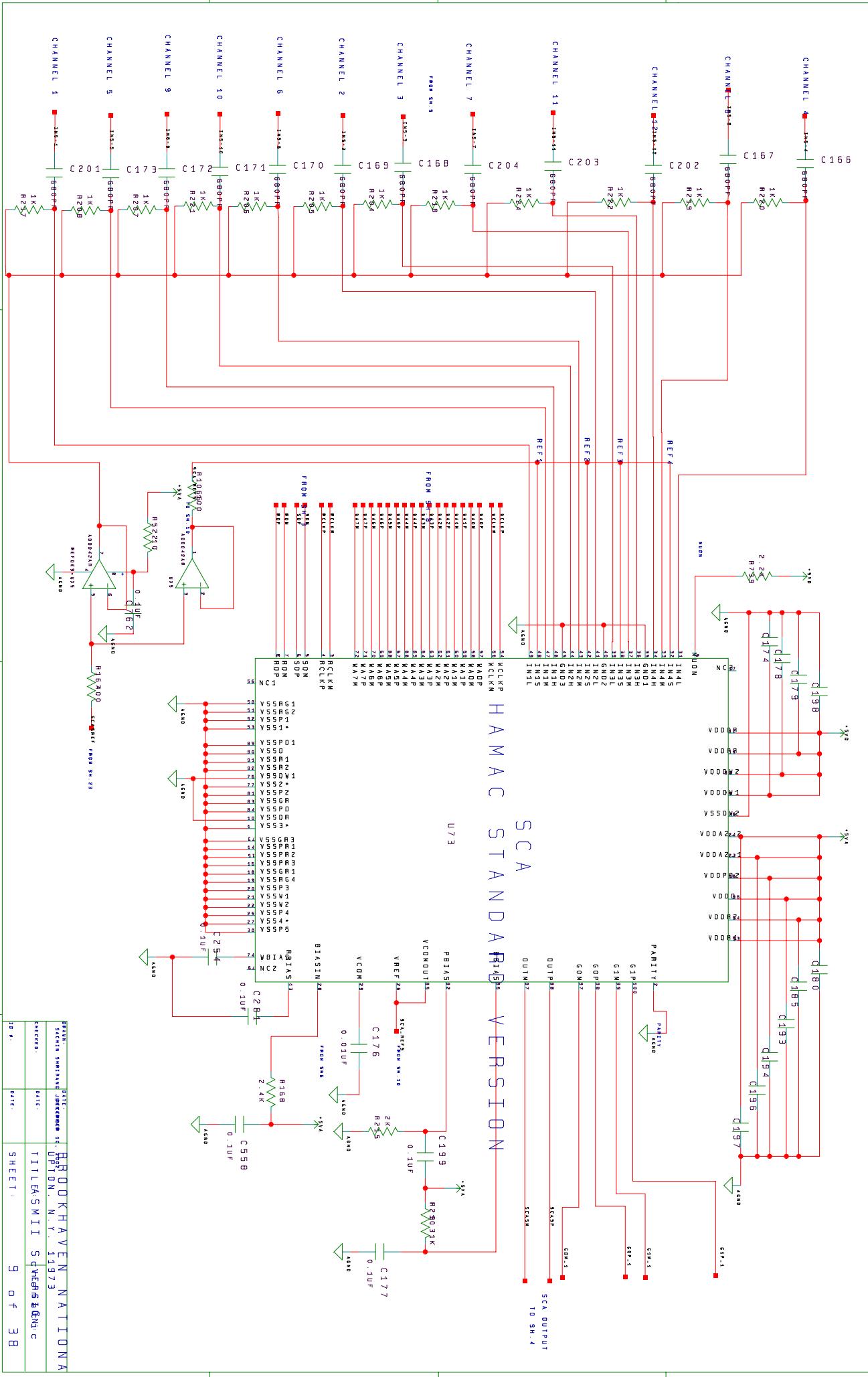
RECEIVER Schematic Drawing No. 1000 UPTON, N.Y. 11973  
DATE: 10/15/93 TITLE: AMI STANDARD VERSION

10/15/93 SHEET 1 OF 30

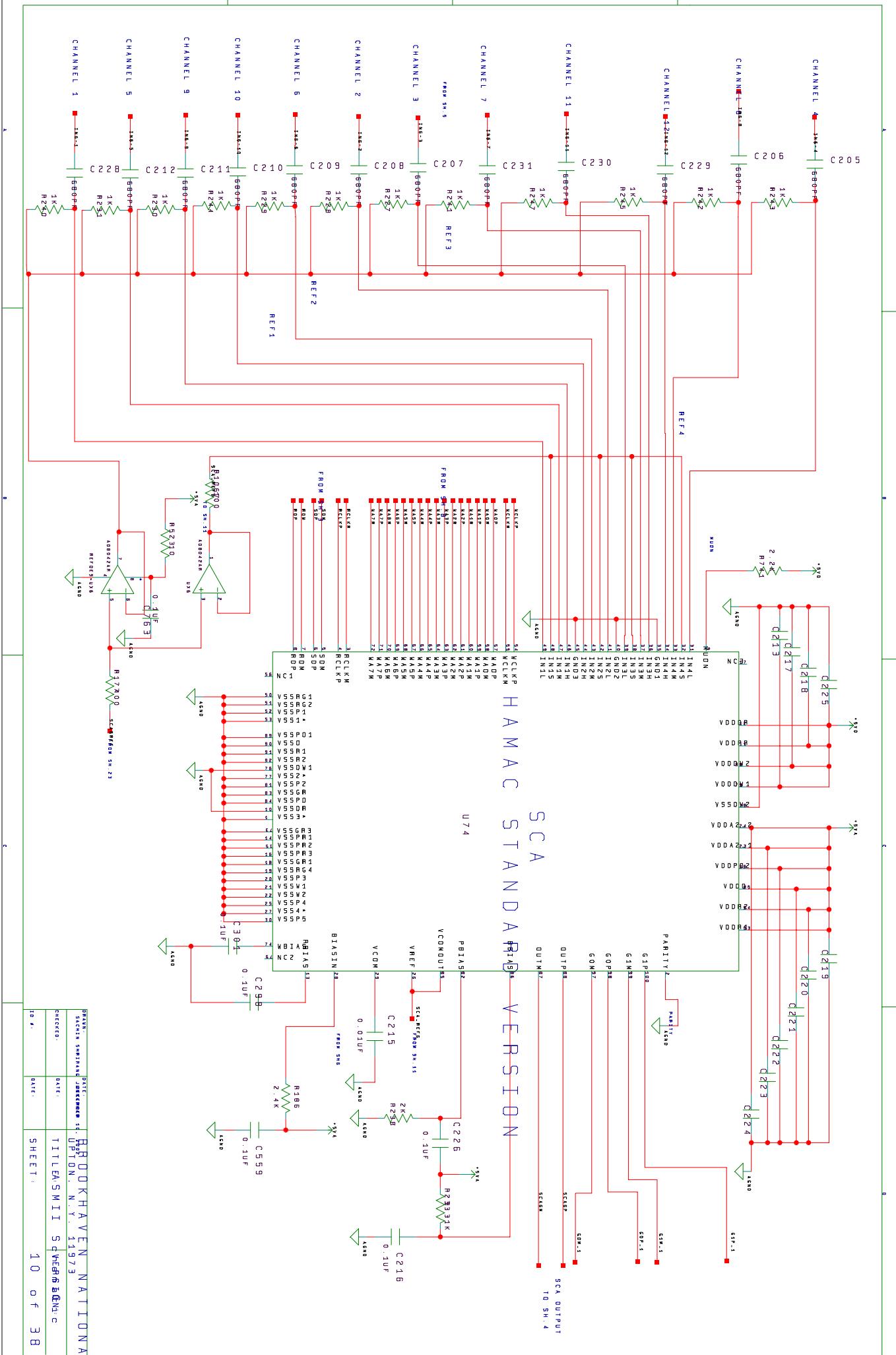


DR. K. S. SACHIN SHARMA DATE: JUNE 26, 1974  
SACHIN SHARMA UPTON, N.Y. 11973 NATIONAL LABORATORY

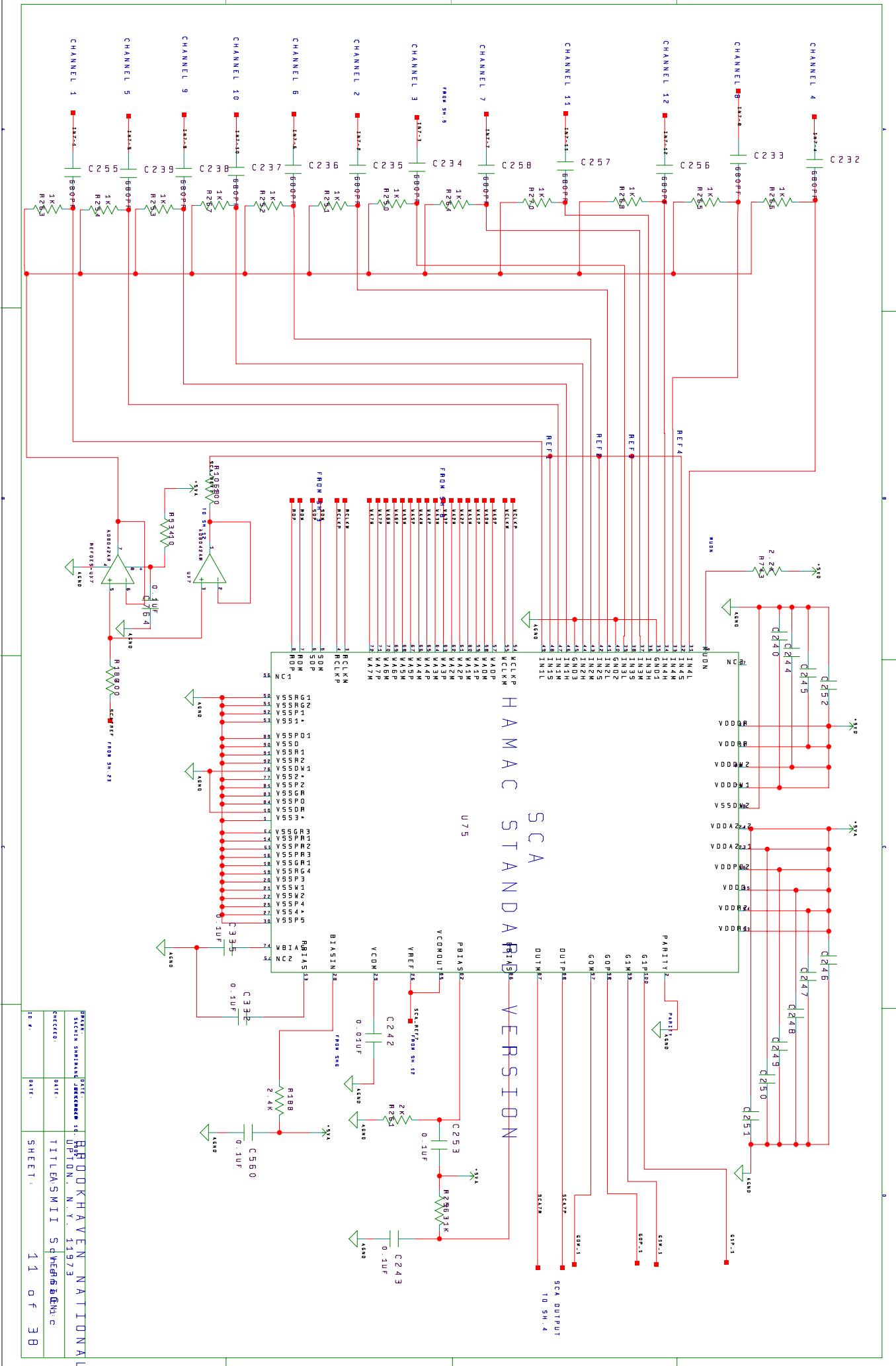
# SCA STAND ARMS VERSION



PRINTED IN U.S.A. BY ROCKAWAY NATIONAL  
SOCIETY FOR THE DEAF, JACKSONVILLE, FLORIDA, U.S.A.  
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TITLE: ASMI Schematic  
PAGE: SHEET: 9 OF 38

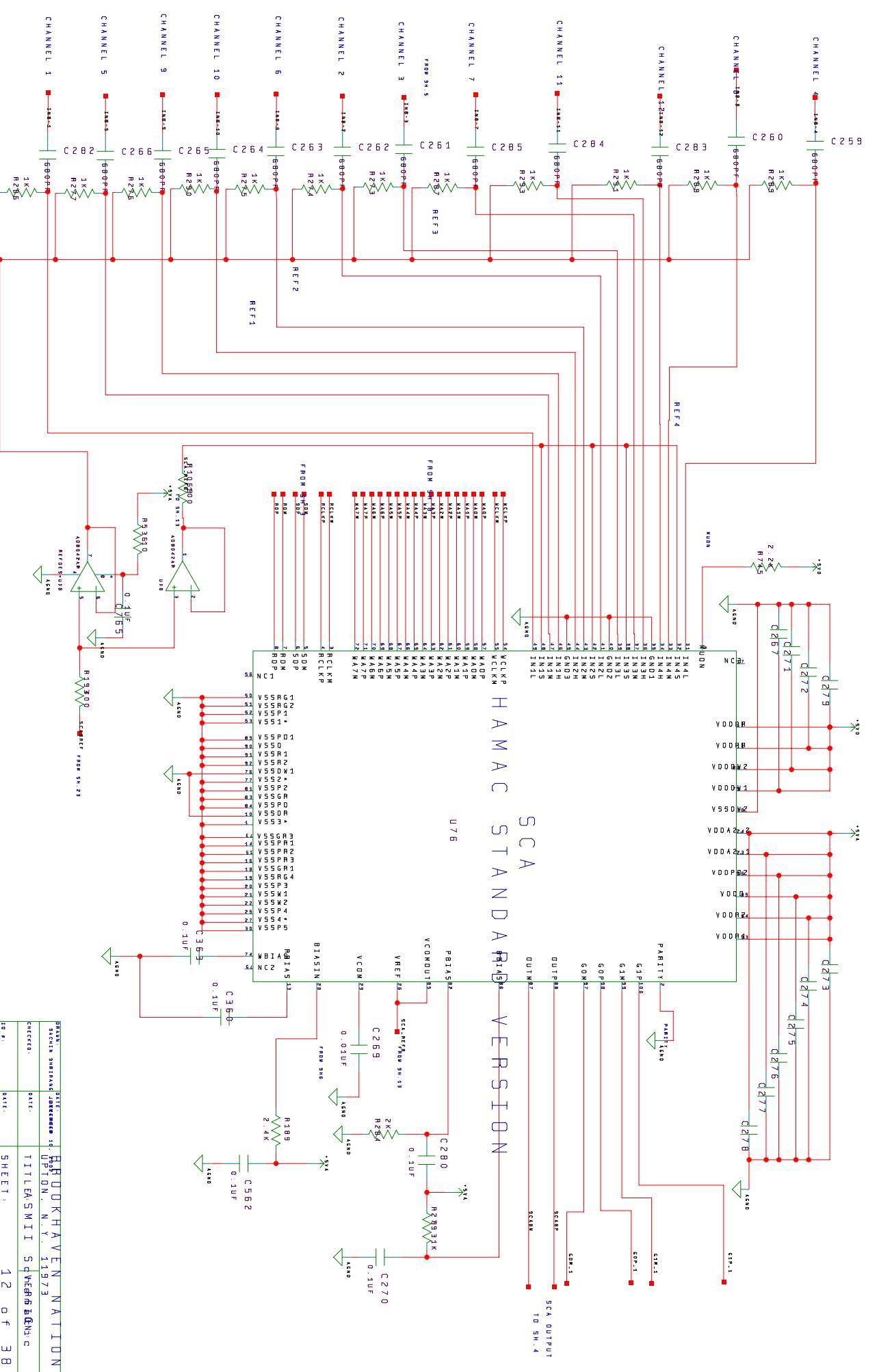


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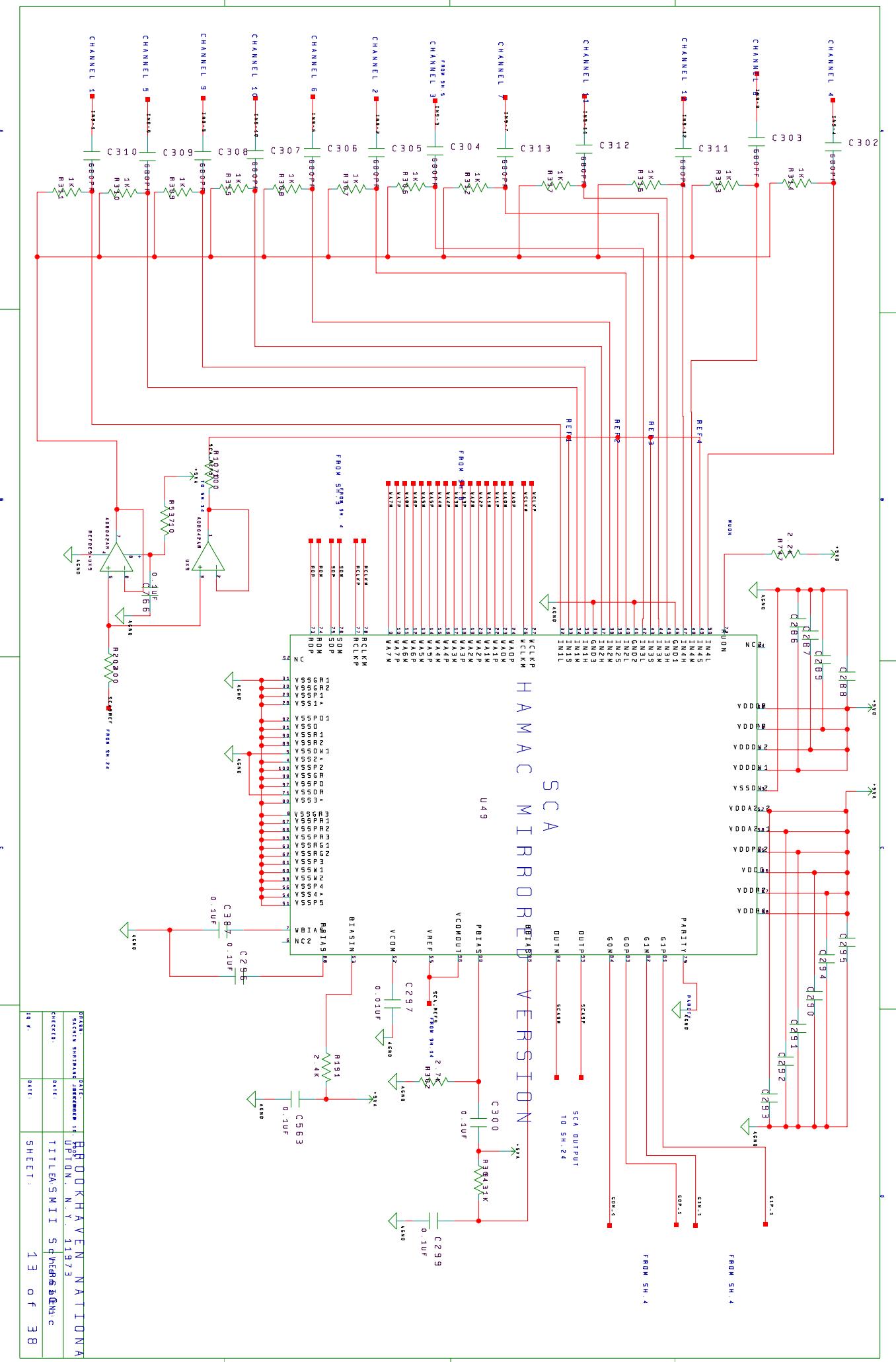


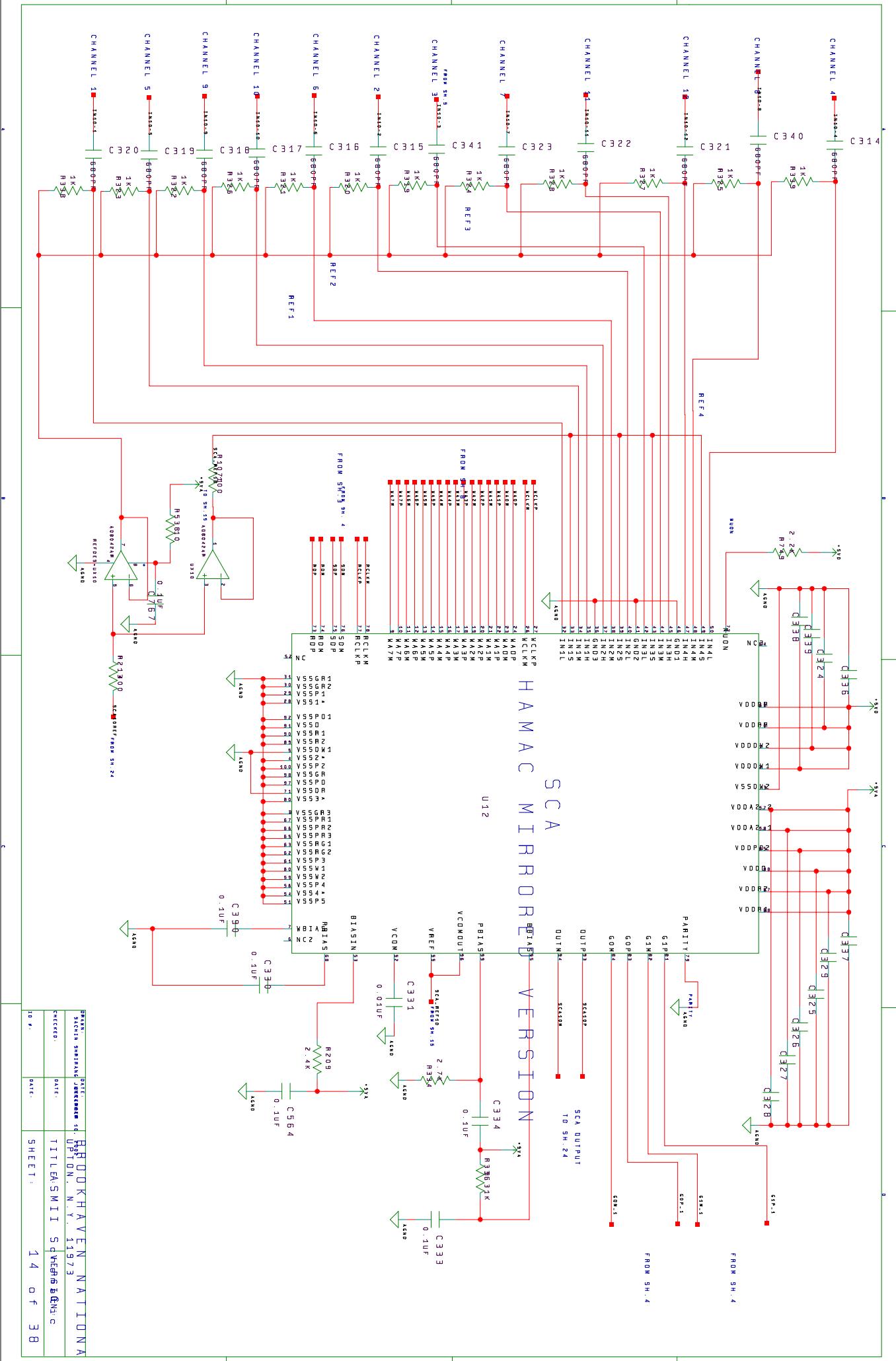
The diagram illustrates the Hamac Standard Arrangement (SCA) with various power supply connections and parity logic.

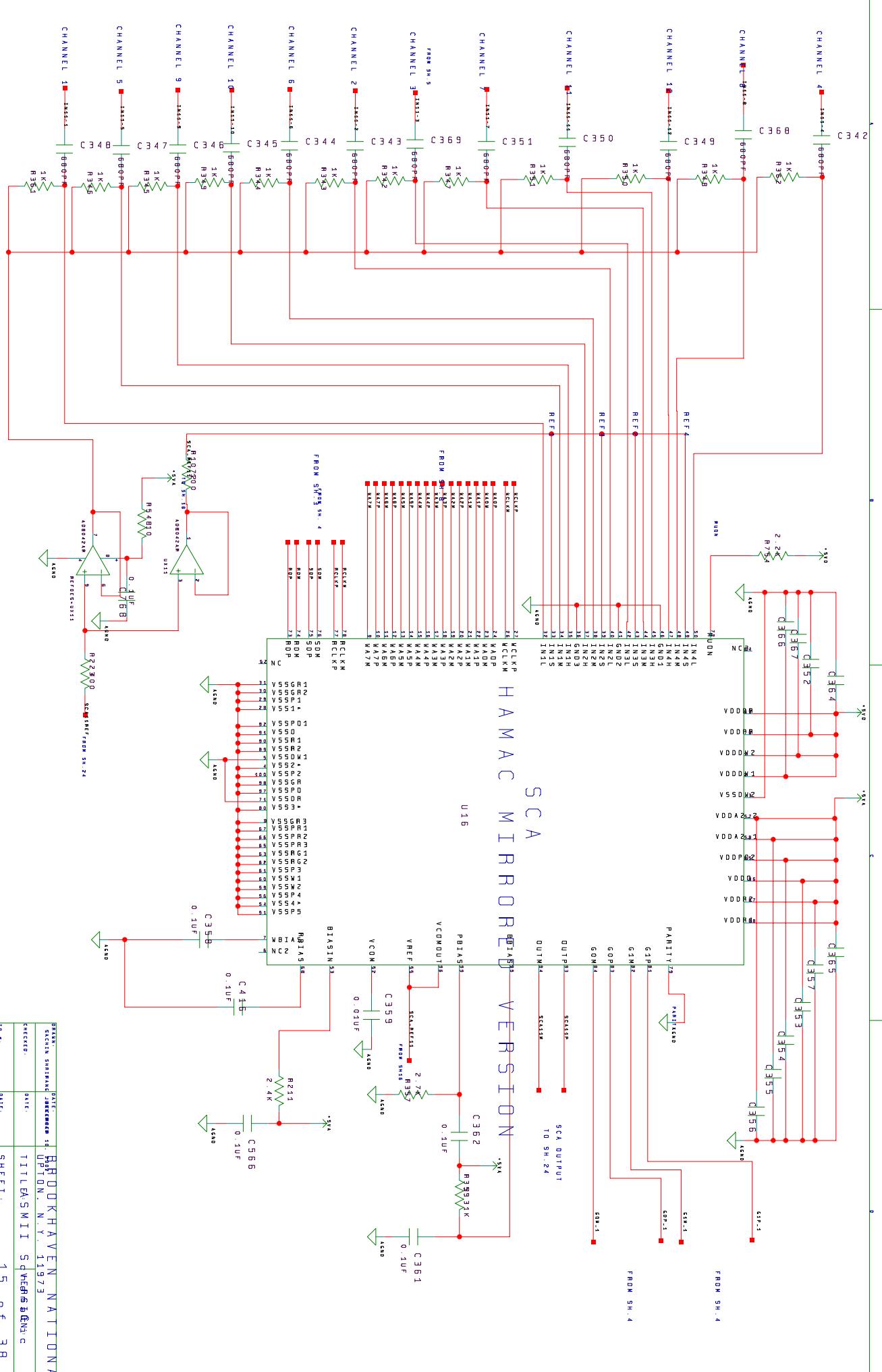
- Power Supply Connections:**
  - VDD0B (Pin 279)
  - VDD0B (Pin 273)
  - VDD0W2 (Pin 274)
  - VDD0W1 (Pin 275)
  - VSS0W2 (Pin 276)
  - VDDA2 (Pin 277)
  - VDDA2 (Pin 278)
  - VDDP0W2 (Pin 279)
  - VDDQ5 (Pin 273)
  - VDDQ4 (Pin 274)
  - VDDQ3 (Pin 275)
  - VDDQ2 (Pin 276)
  - VDDQ1 (Pin 277)
- Parity Logic:**
  - A green triangle labeled "PARITY" is connected to the VDDQ1 pin (Pin 277).
  - A blue triangle labeled "PARITY" is connected to the VDDQ2 pin (Pin 276).
  - A red triangle labeled "PARITY" is connected to the VDDQ3 pin (Pin 275).
  - A yellow triangle labeled "PARITY" is connected to the VDDQ4 pin (Pin 274).
  - A purple triangle labeled "PARITY" is connected to the VDDQ5 pin (Pin 273).
- Ground Connections:**
  - GND0E (Pin 279)
  - GND1E (Pin 273)
  - GND2E (Pin 274)
  - GND3E (Pin 275)
  - GND4E (Pin 276)
  - GND5E (Pin 277)
- Outputs:**
  - OUTPUT\_E (Pin 279)
  - OUTPUT\_T (Pin 273)

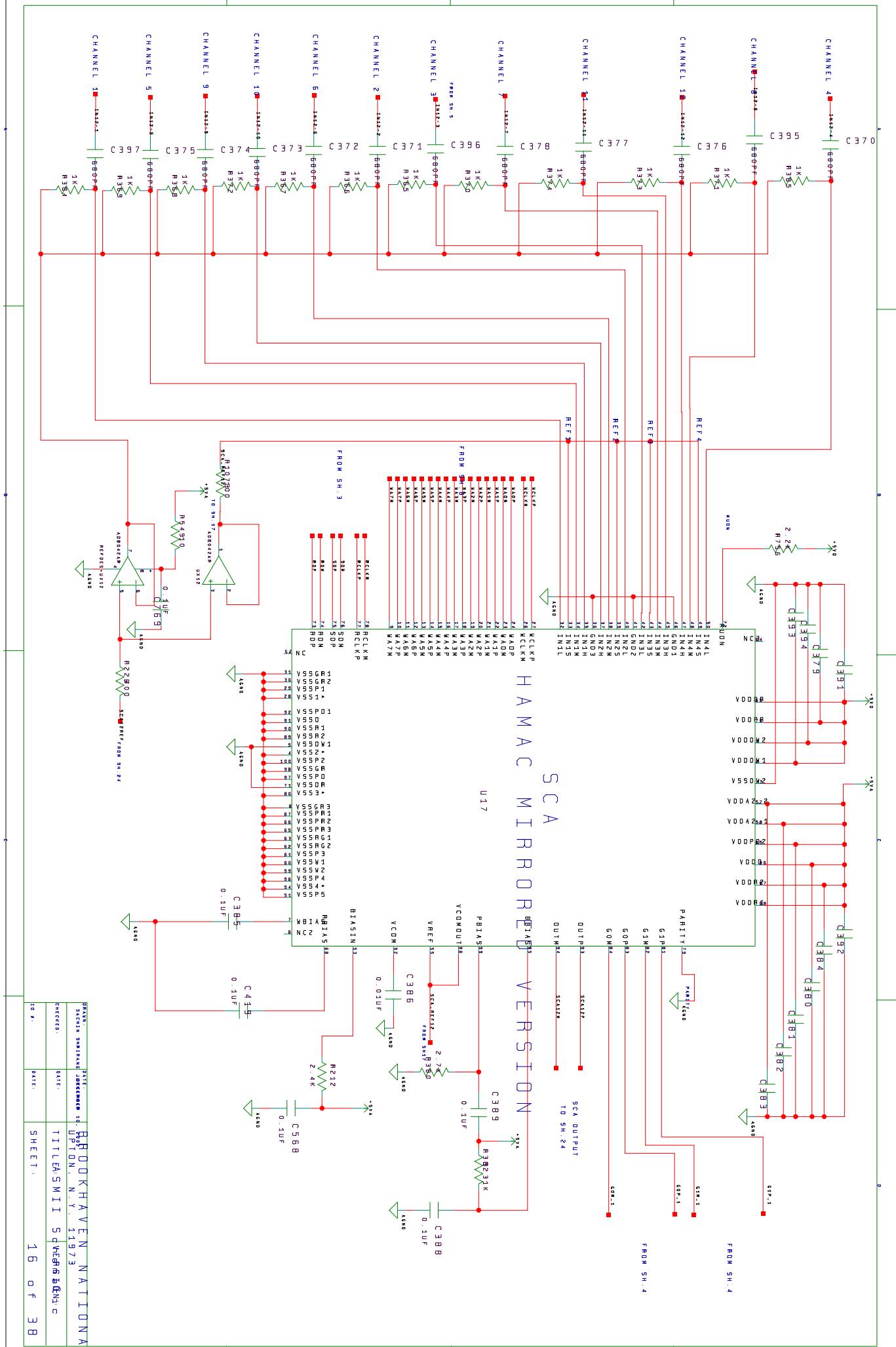


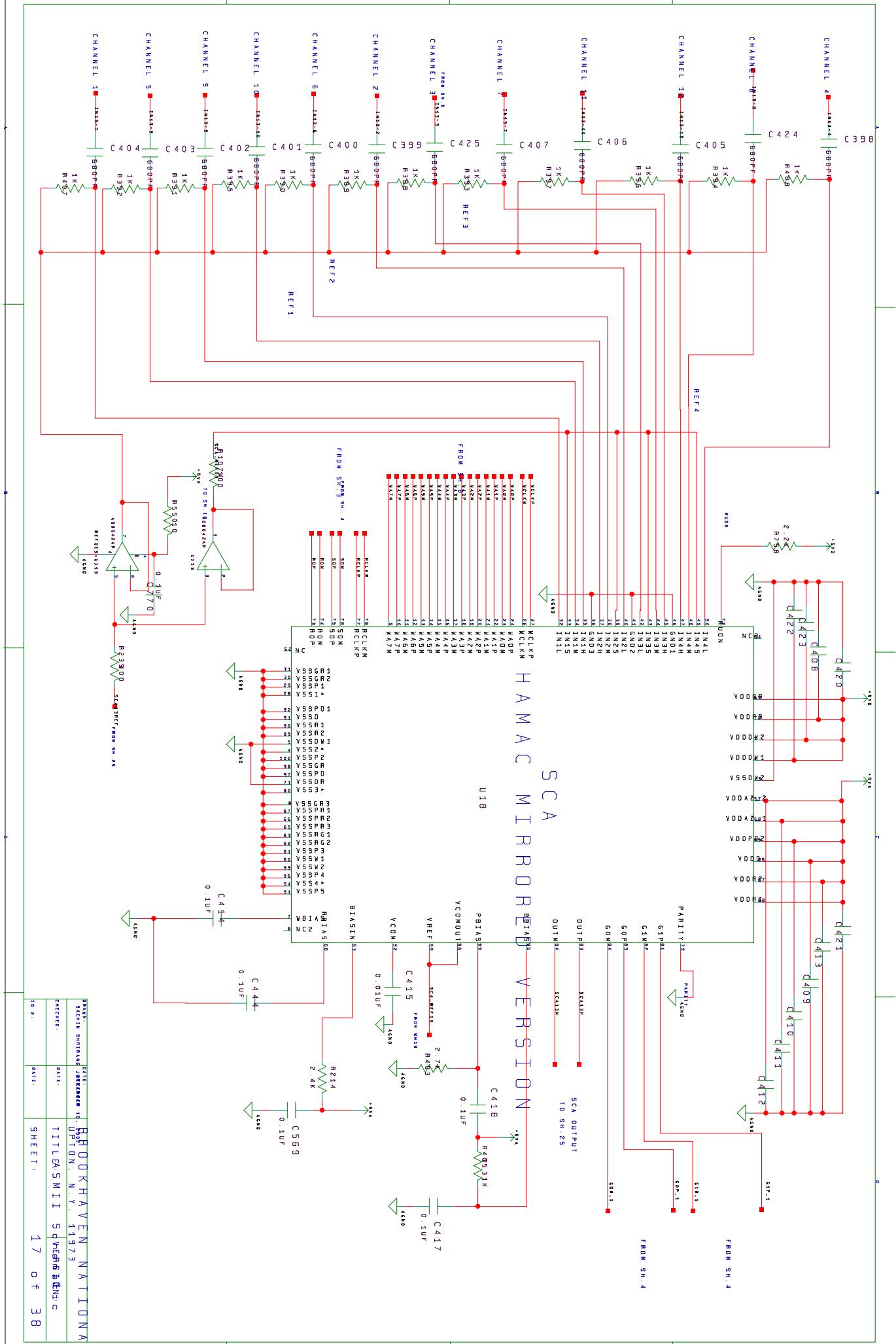
NAME SAKAMON SHIRAKAWA		DATE JULY 16, 1973	PROBOOKHAVEN NATIONAL UPTON, N.Y. 11973	
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12:	SHEET:	12	of	38

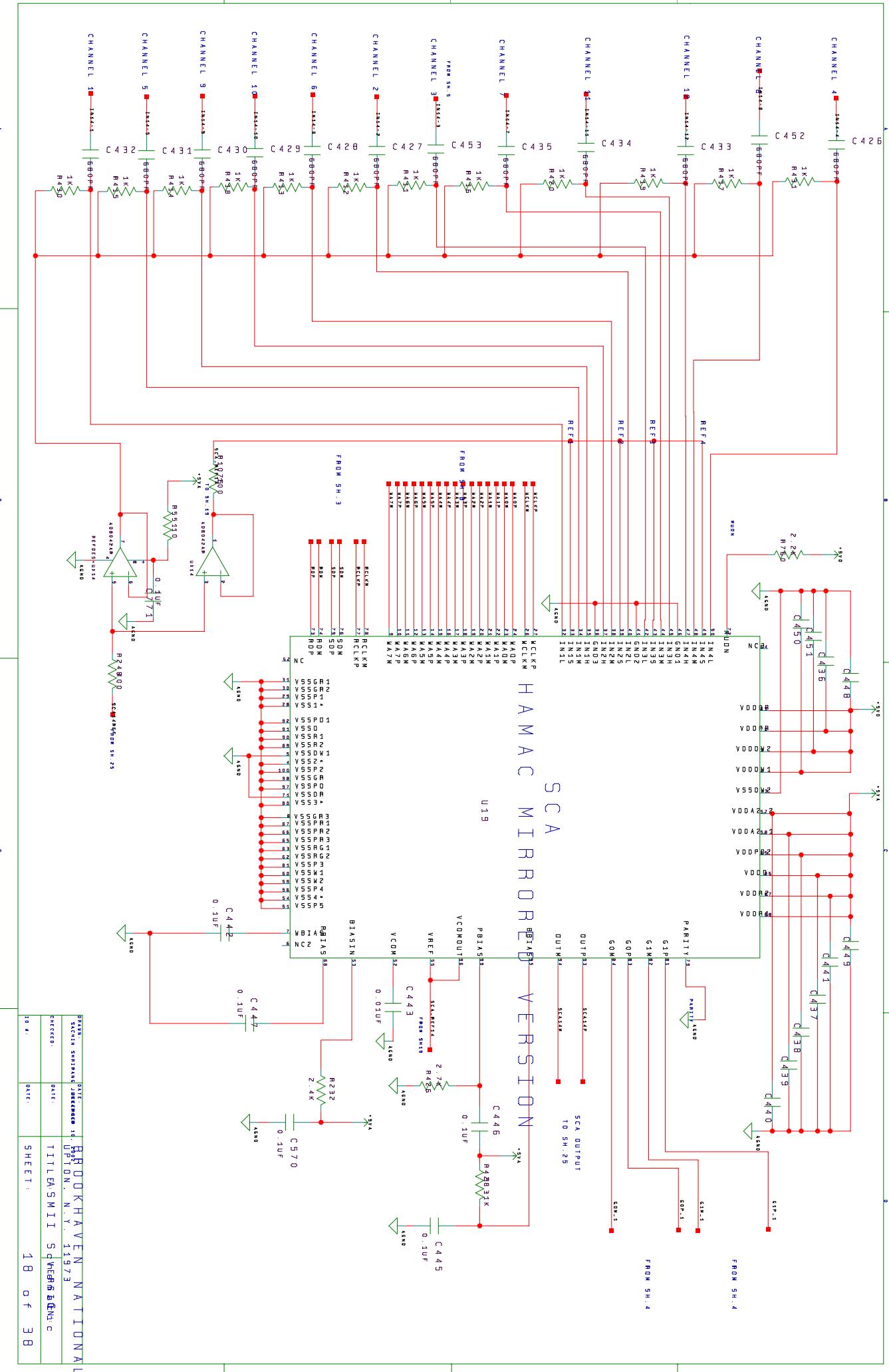


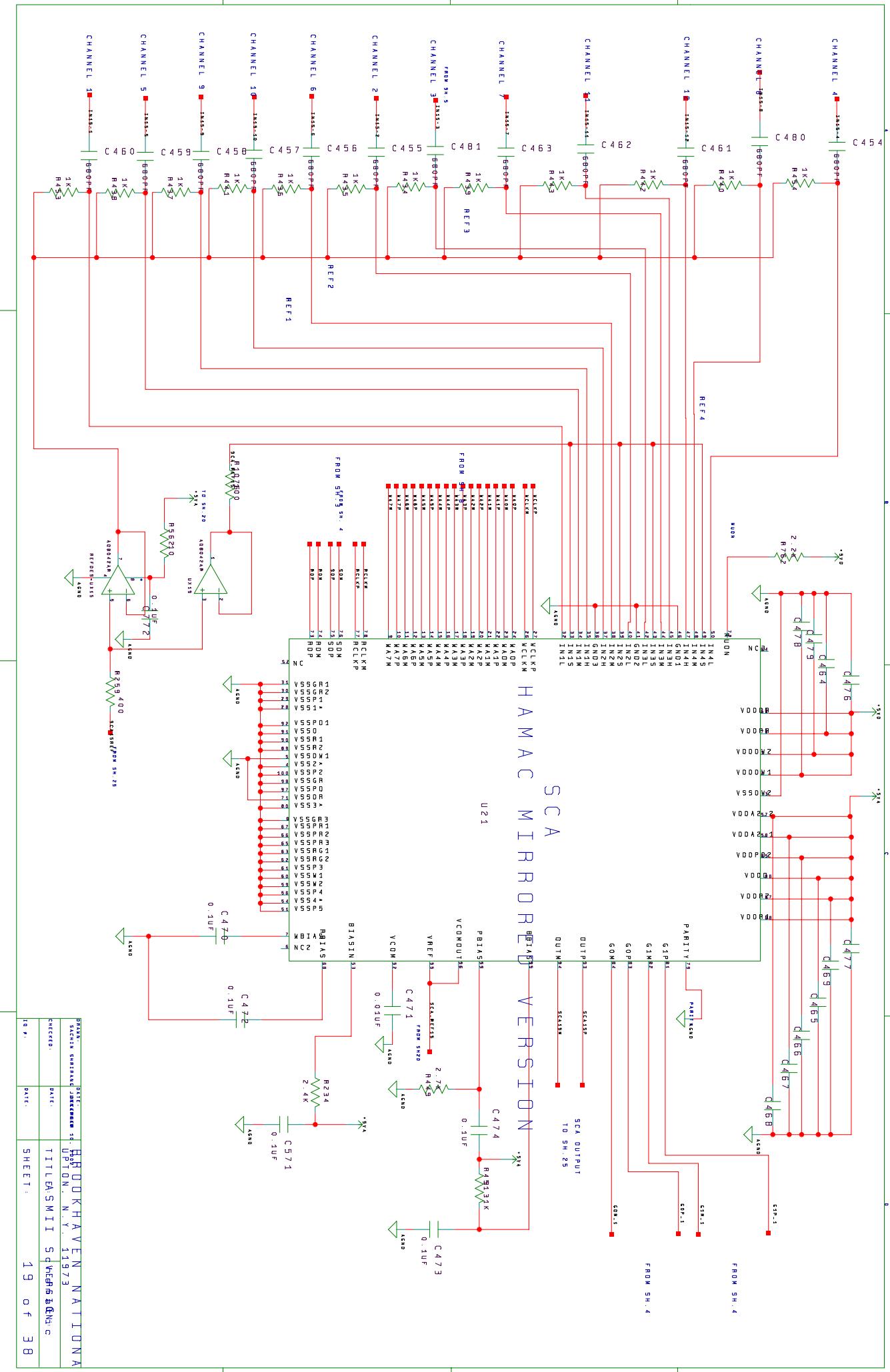






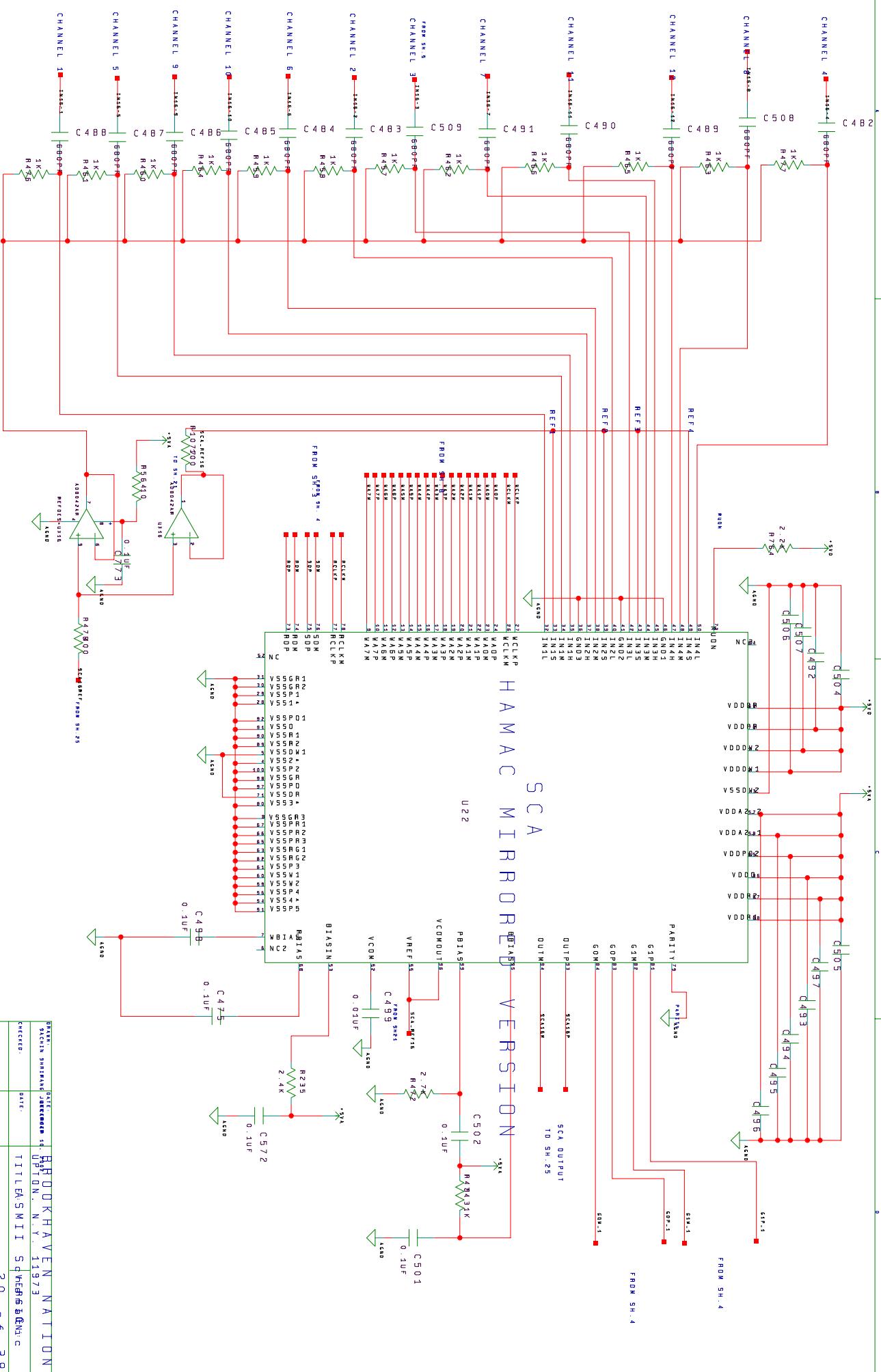






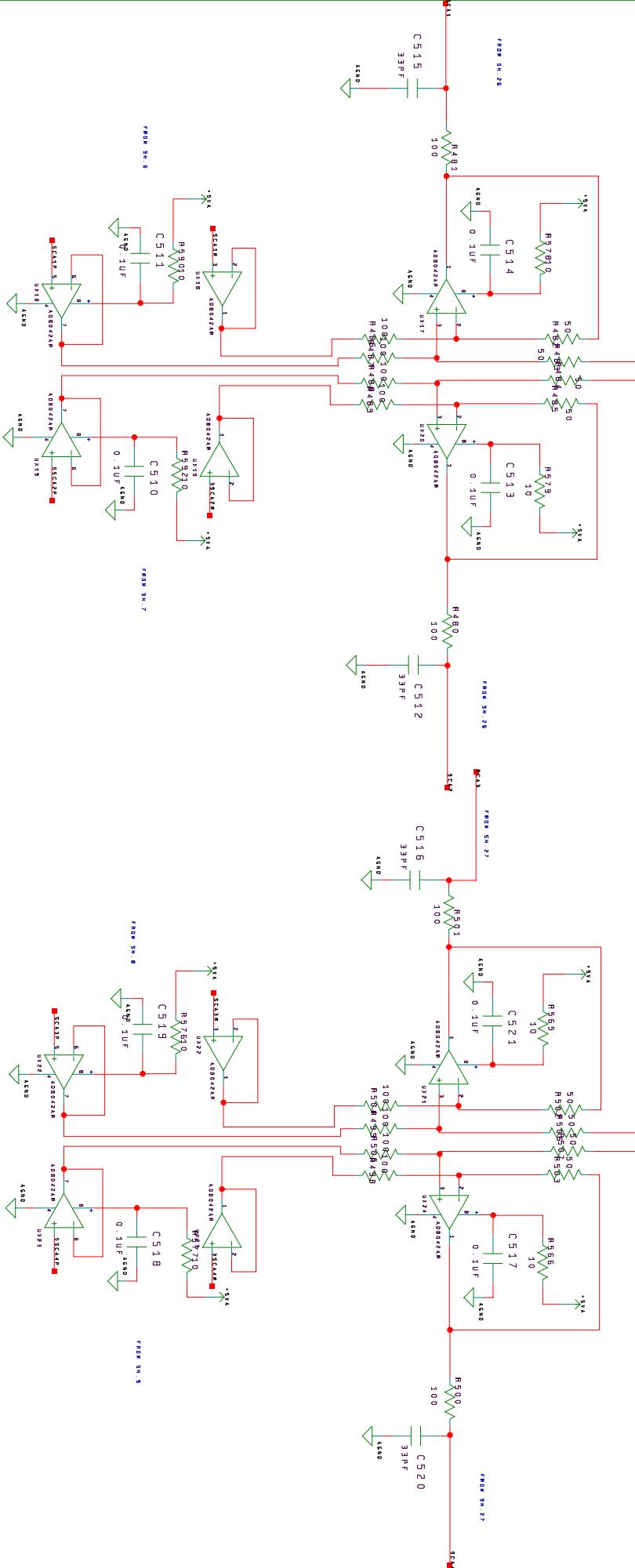
**STANAG 4809** **DATE**: **APRIL 1993**

<b>ISSUED TO</b>	<b>RECEIVED</b>	<b>DATE</b> : <b>JULY 1993</b>
<b>SERIALIZED</b>	<b>FILED</b>	<b>TITLE</b> : <b>SMI Schematic</b>
<b>NO.</b>	<b>DATE</b>	<b>SHEET</b> : <b>19 of 30</b>



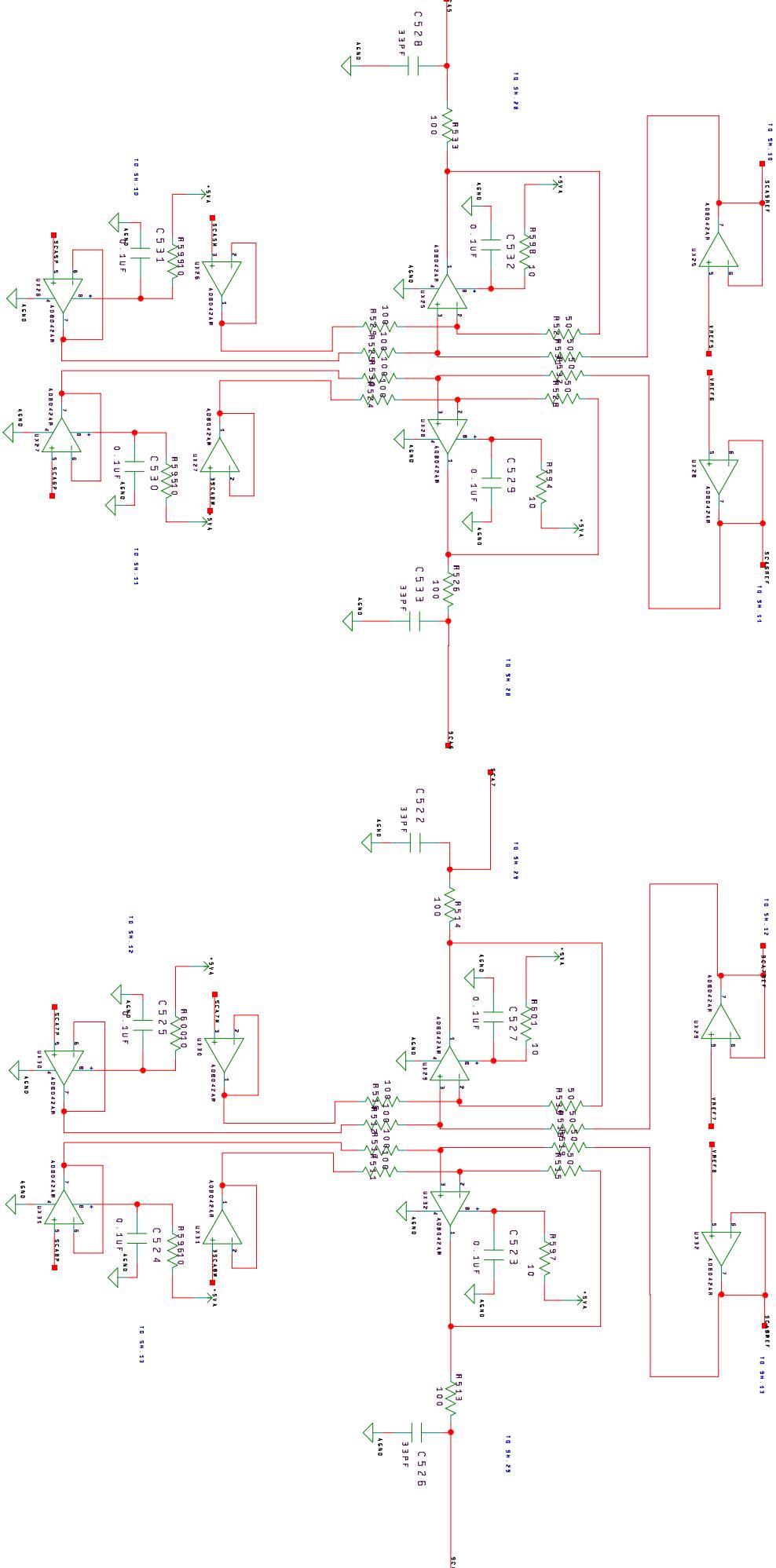
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BOARD	DATE	N.Y. 11973
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TD #	DATE	SHEET 1 OF 30

# SCA DIFFERENCE AMPLIFIER AND ADC REFERENCE



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DESIGNED BY	TITLE ASMI Schematic
REVISED BY	SHEET 21 OF 38

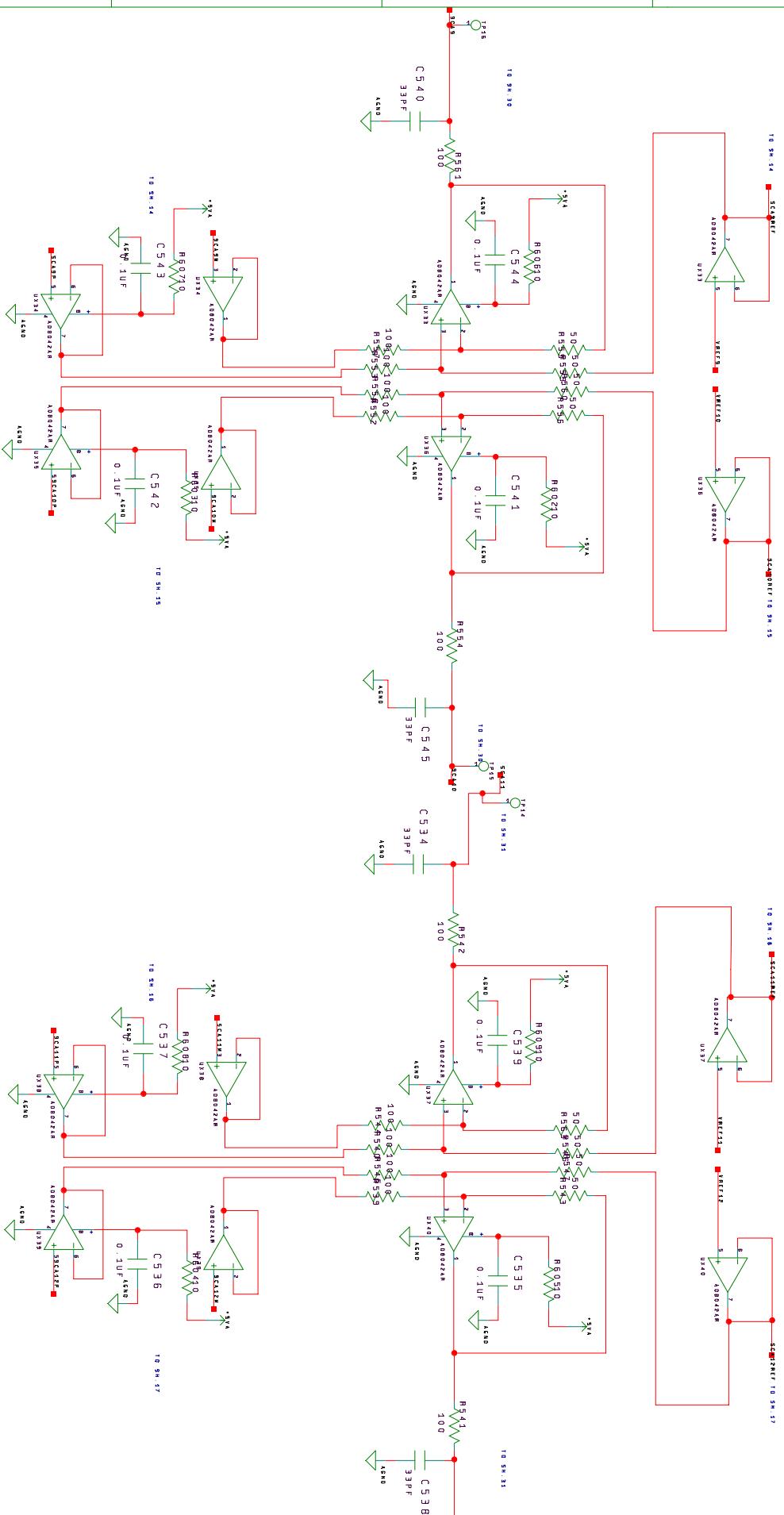
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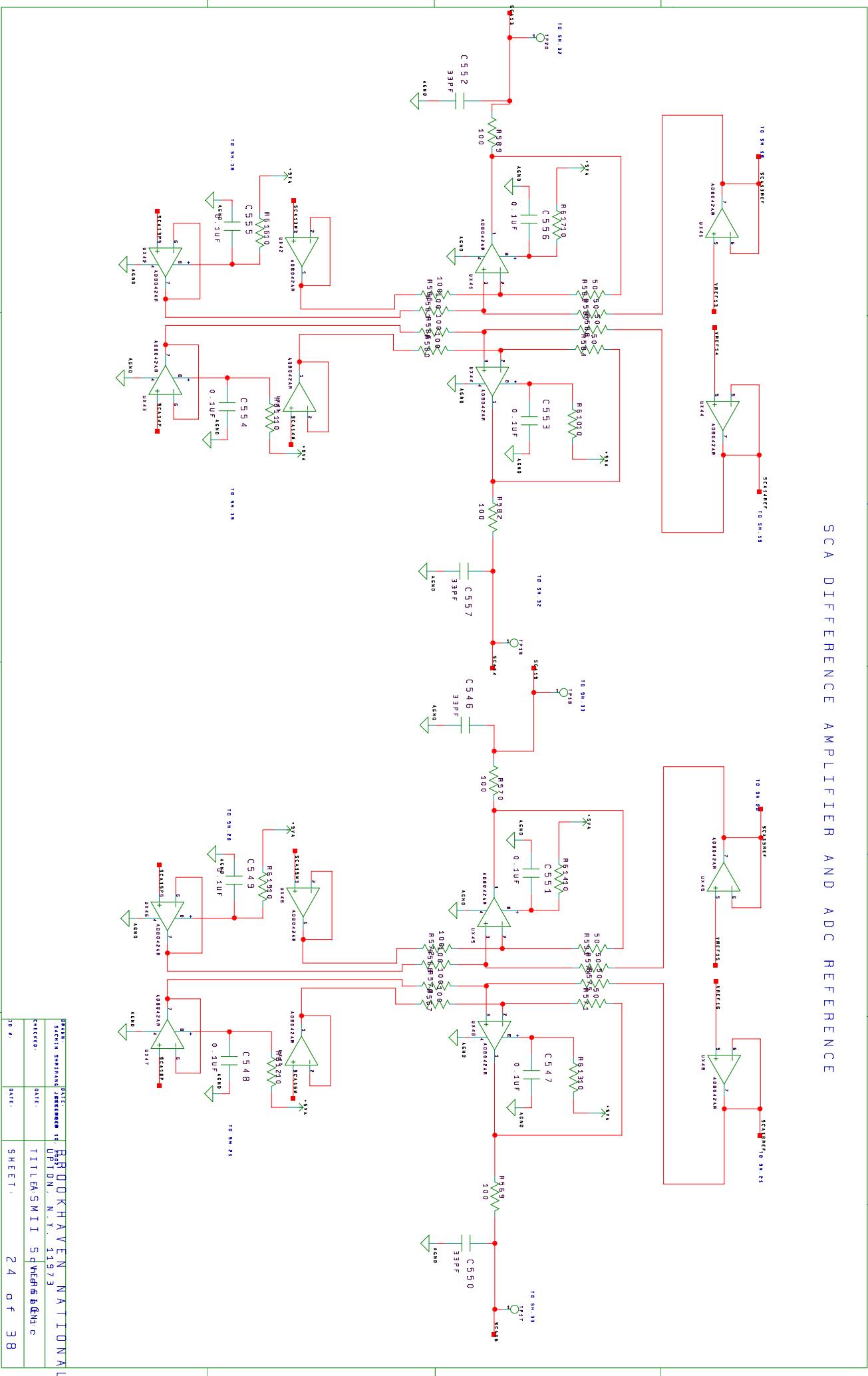
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LABORATORY  
10/22/73  
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SHEET 10 of 38

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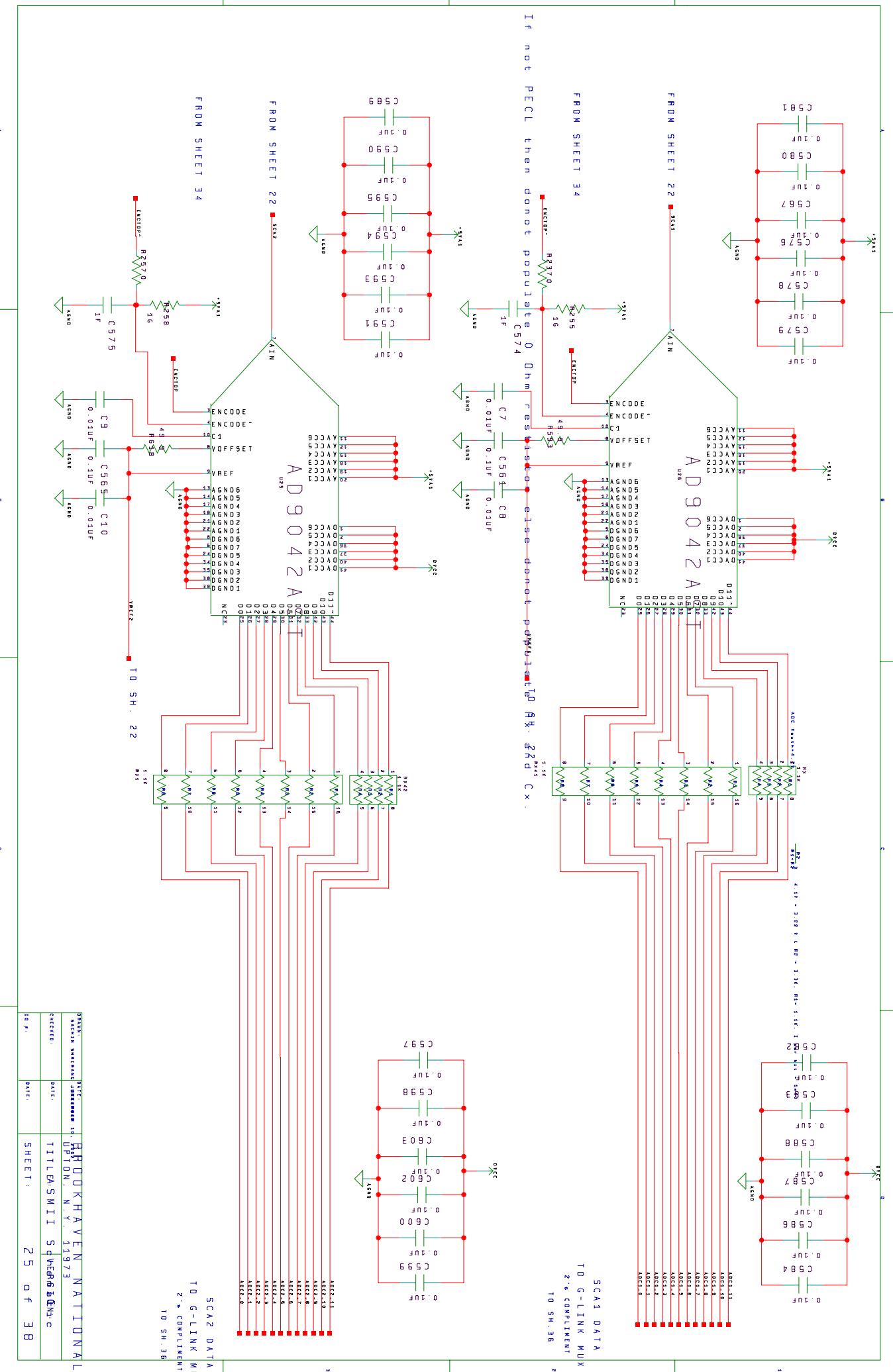


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TO	DATE		SHEET : 23 of 38

**S C A DIFFERENCE AMPLIFIER AND ADC REFERENCE**



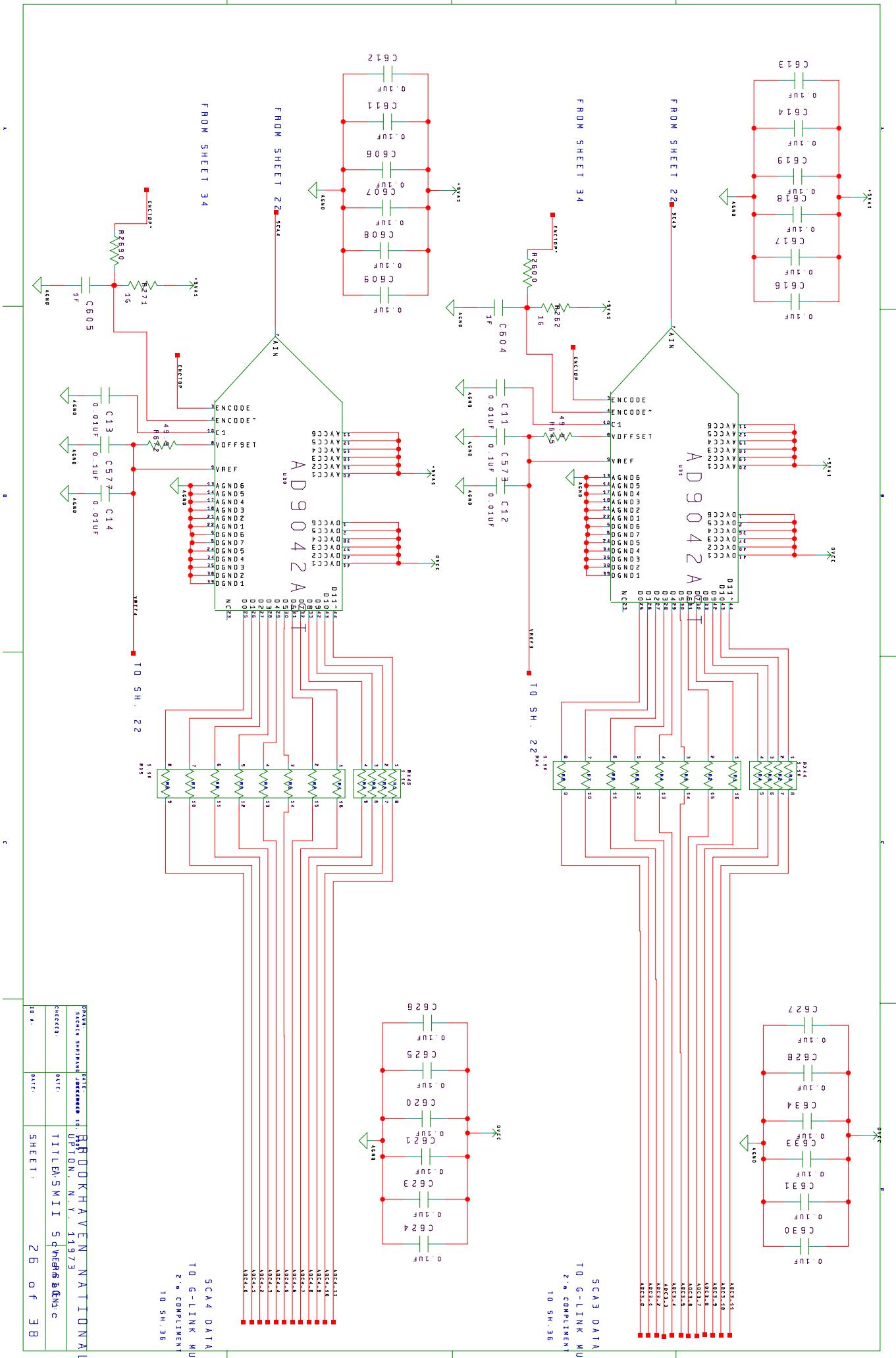
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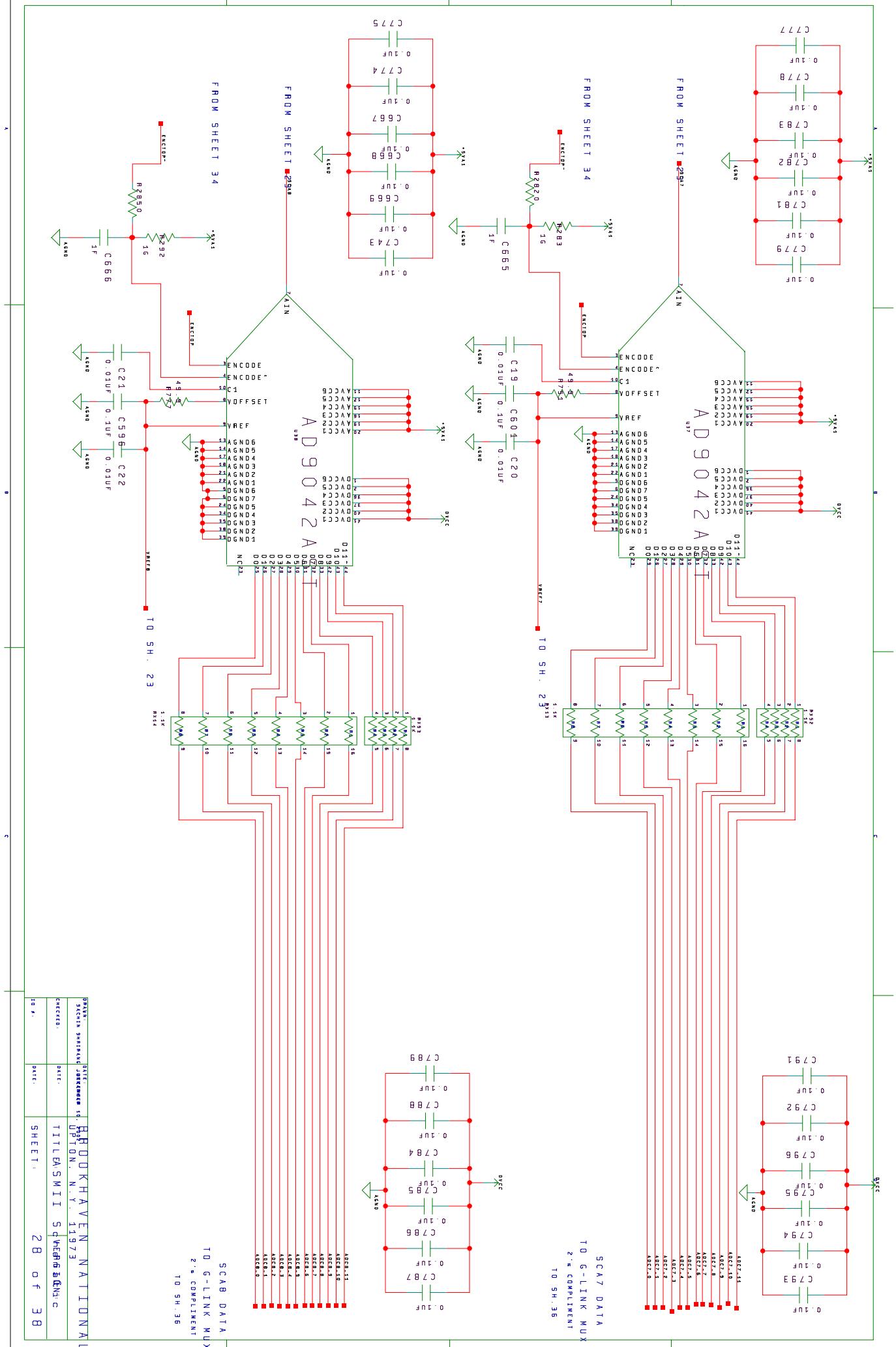
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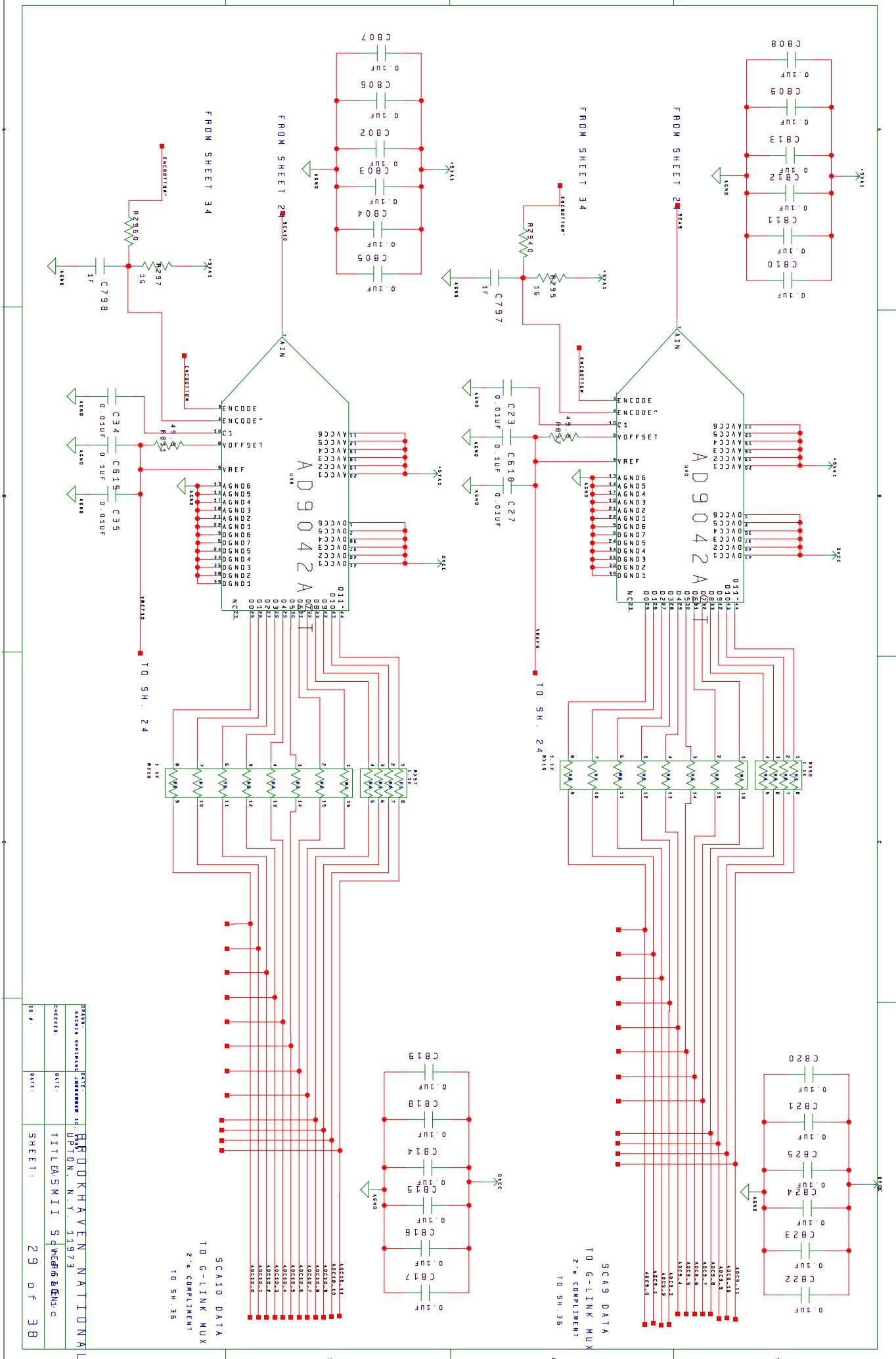
2 \* COMPLEMENT

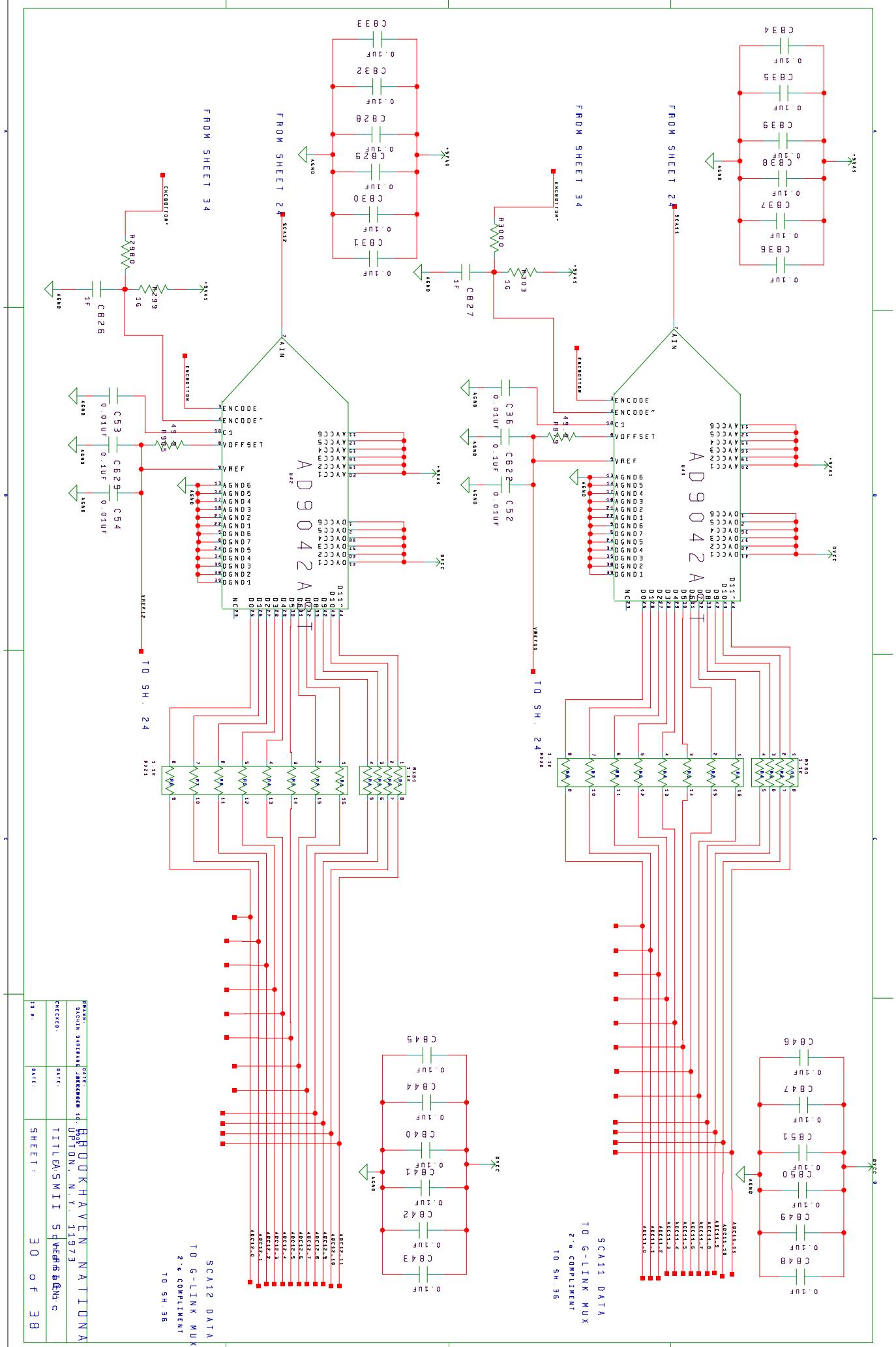
10 SH 36

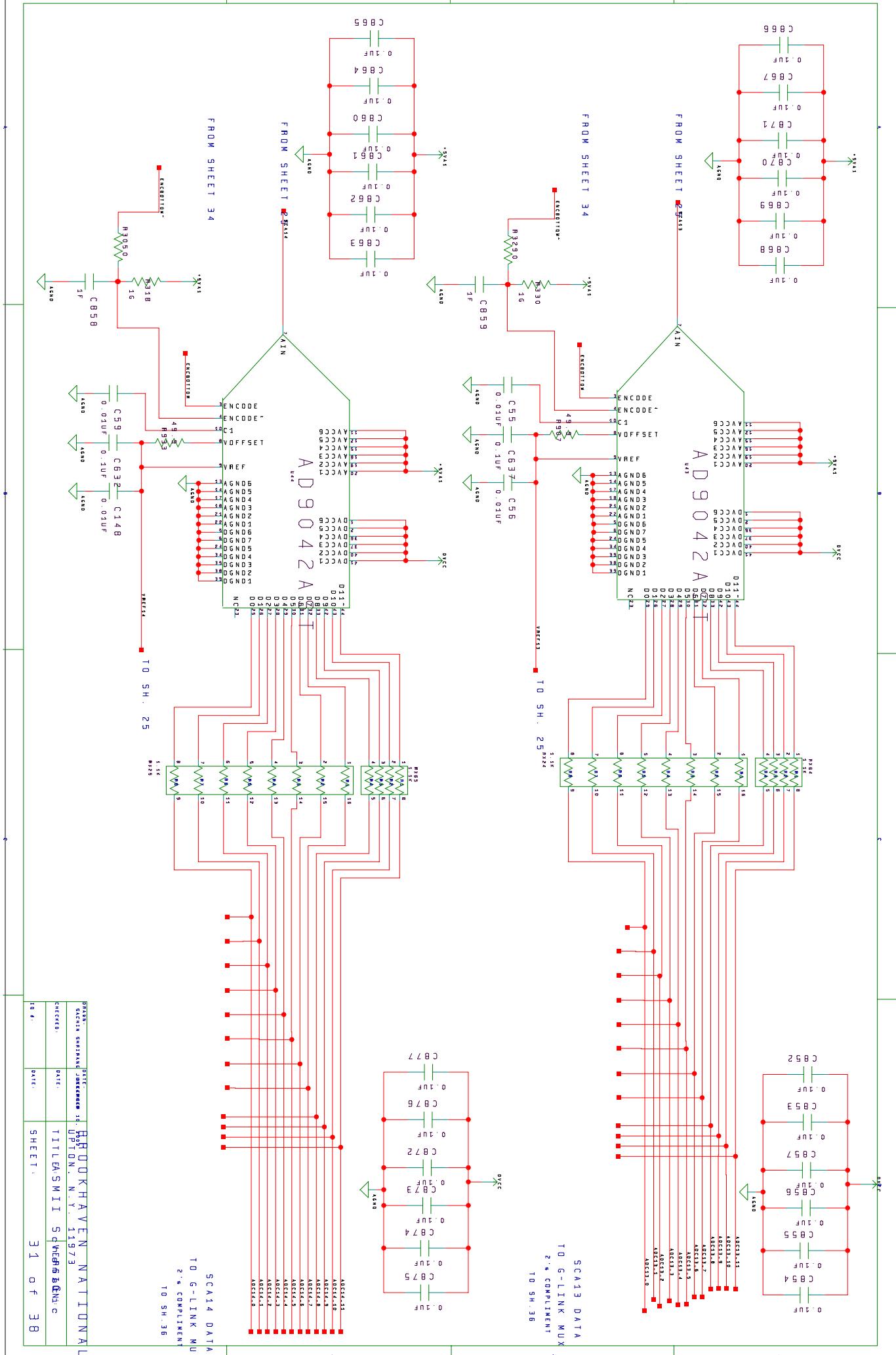




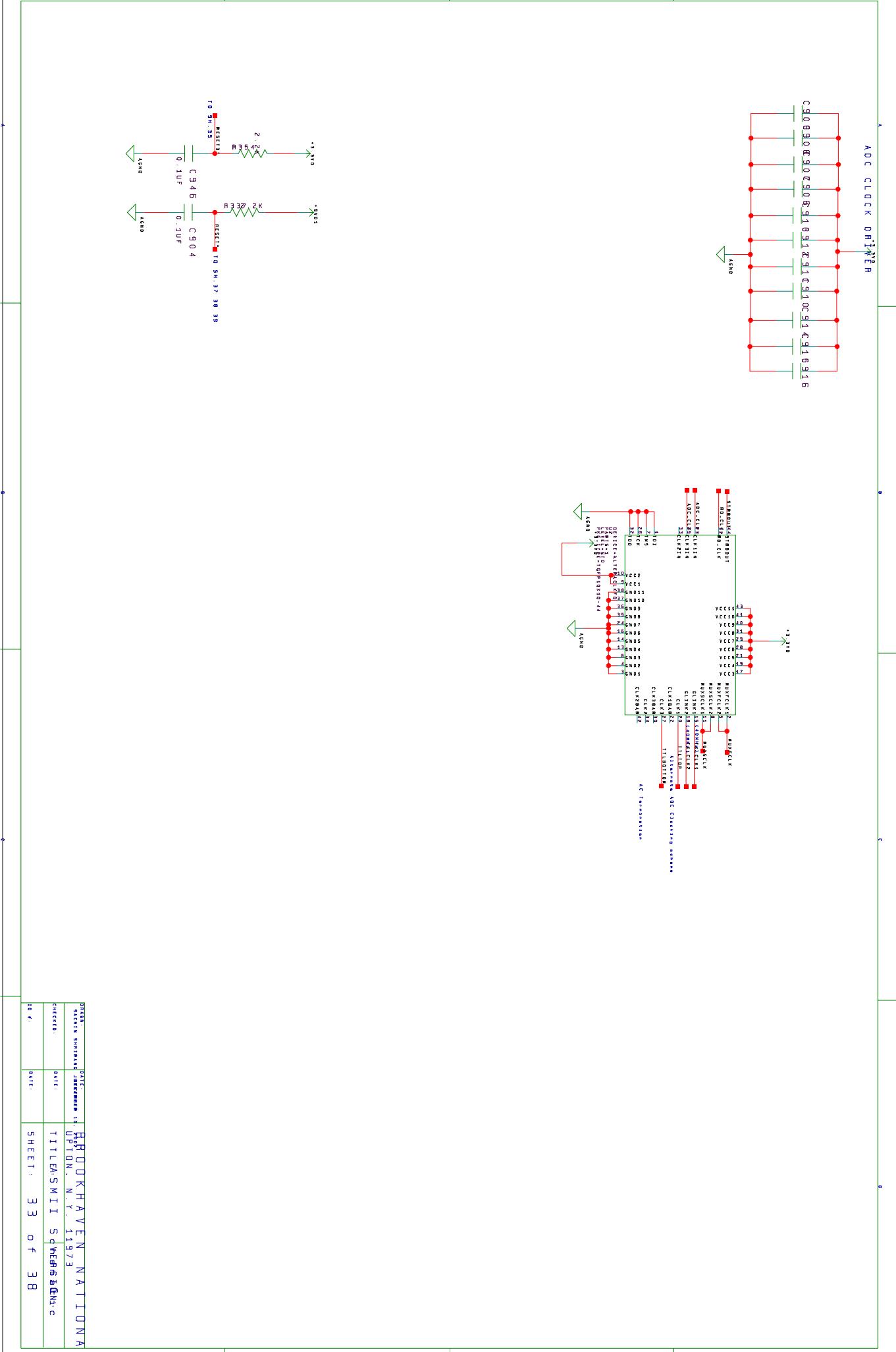


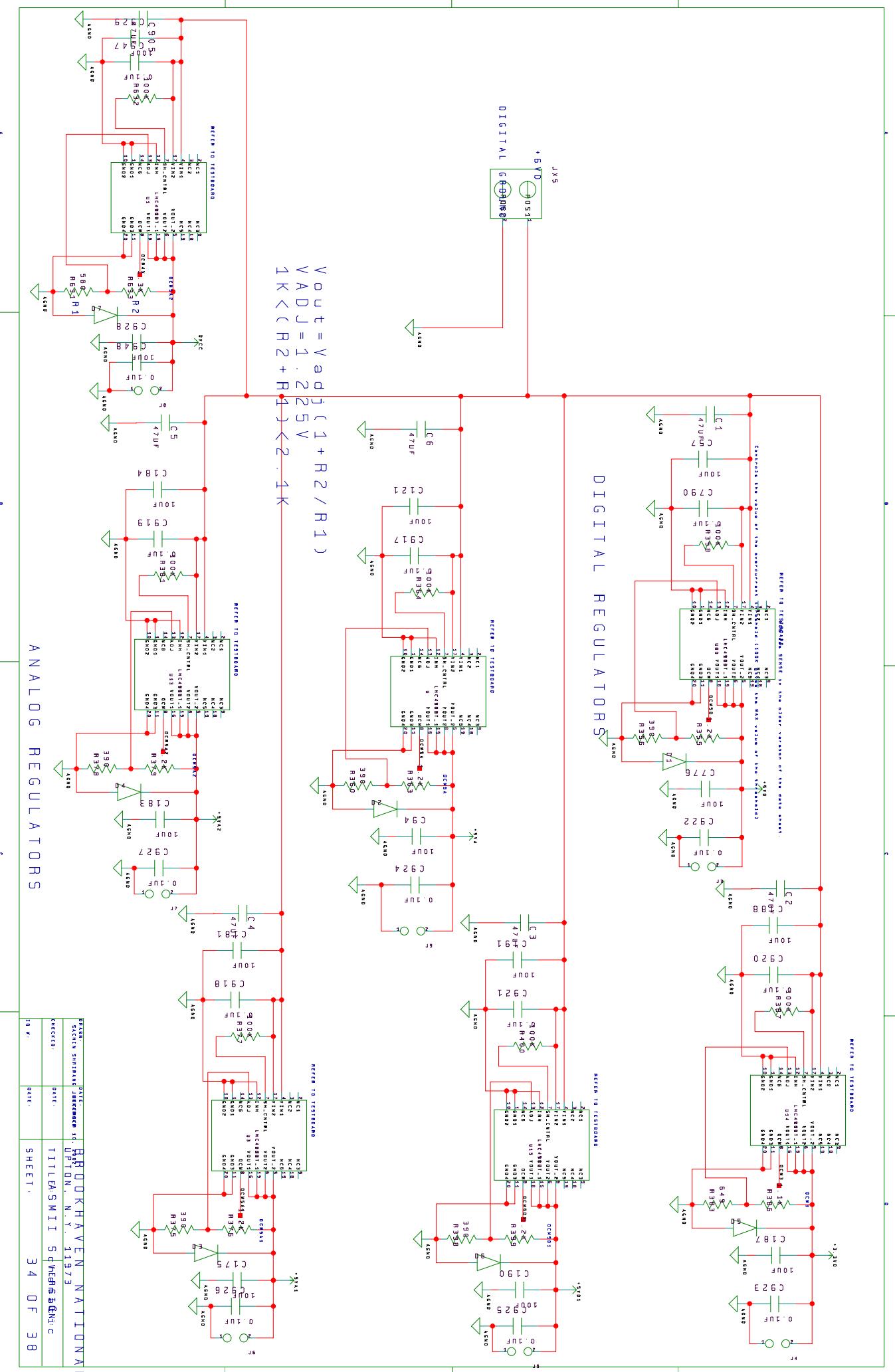








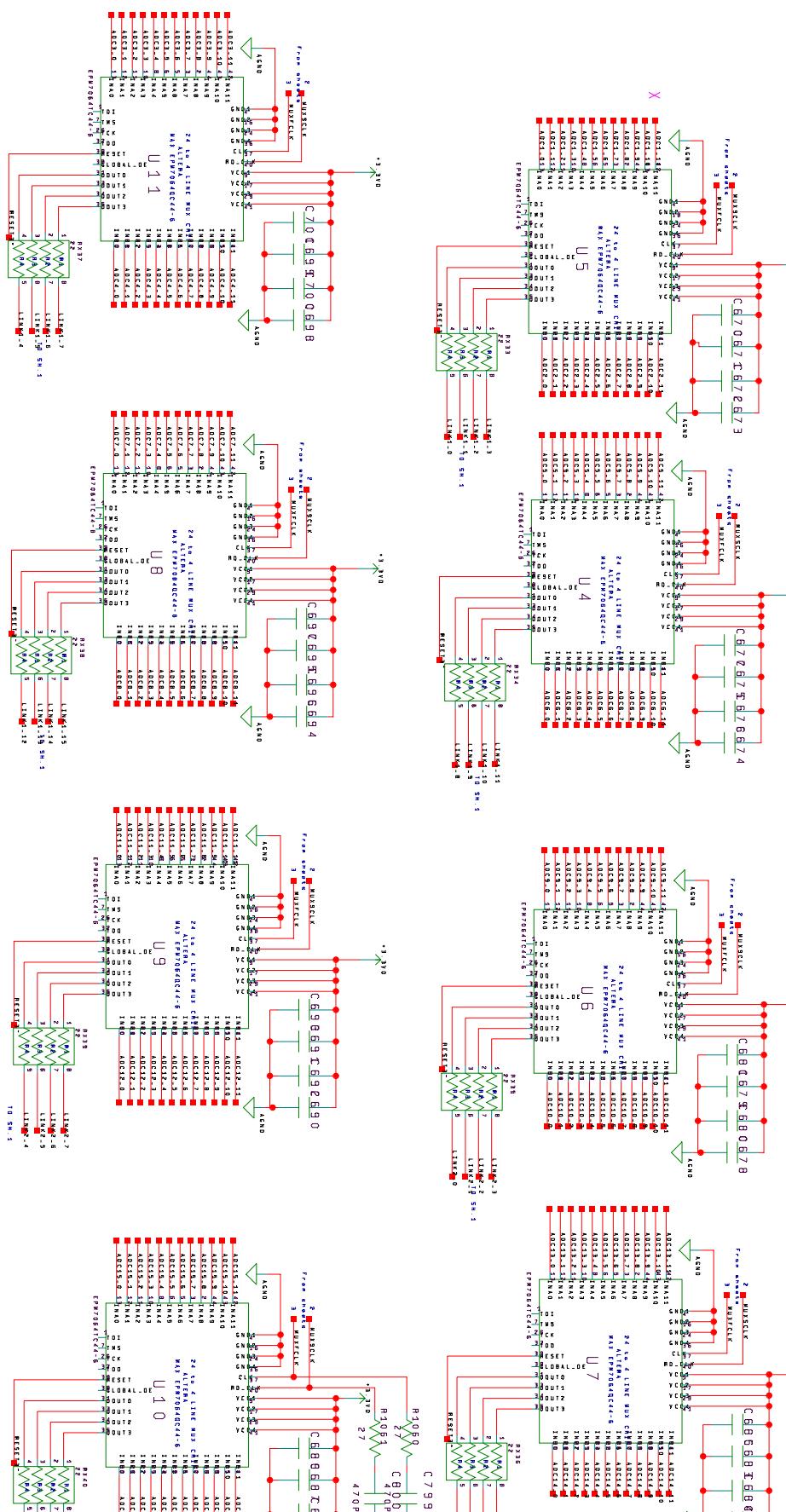




## G - LINK MULTIPLEXOR

MULTIPLEX 16 12-BIT ADC OUTPUTS INTO 2 - 16-BIT G-LINK DATA FRAMES

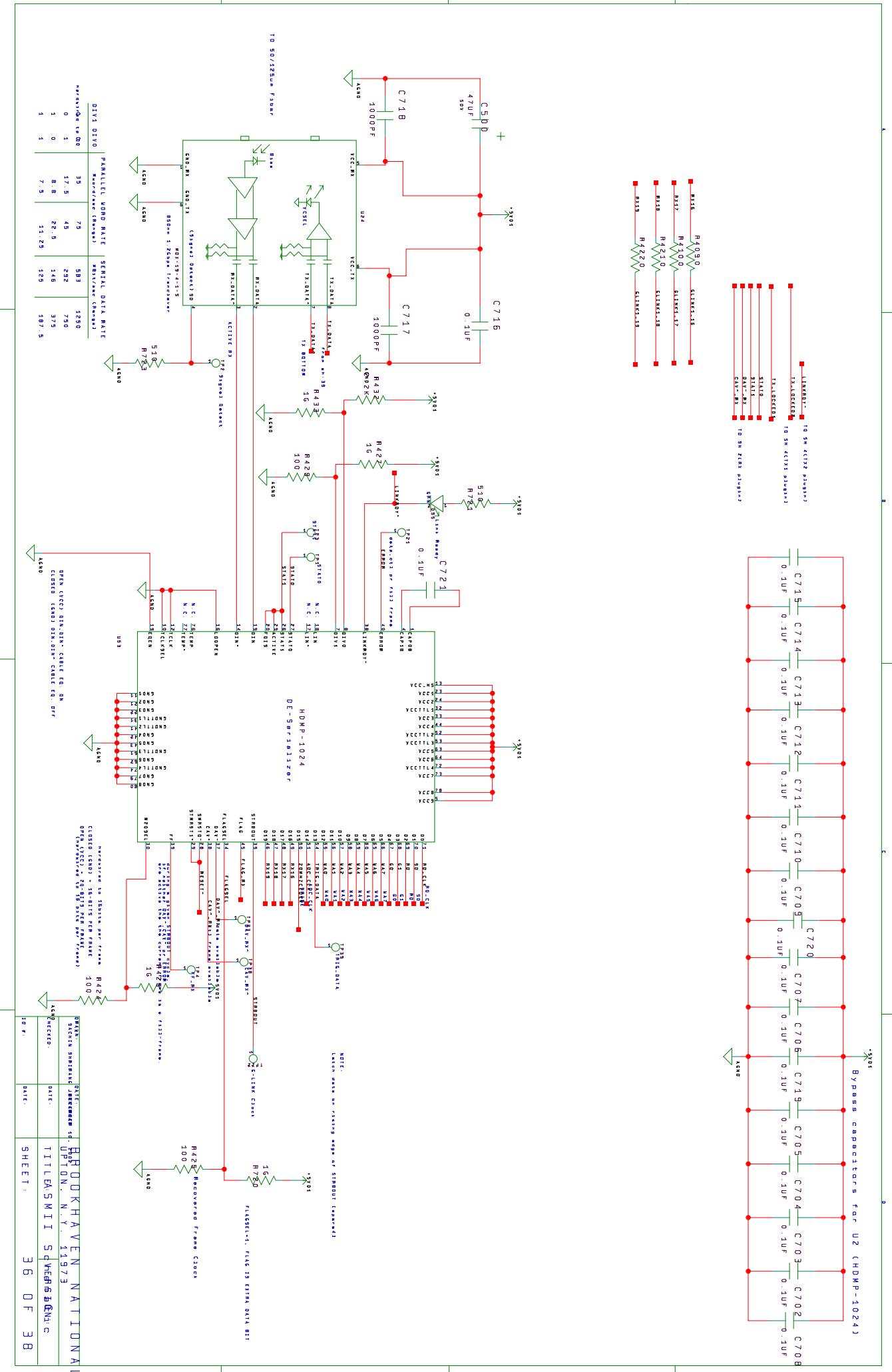
Required to be RAD-HARD  
Components

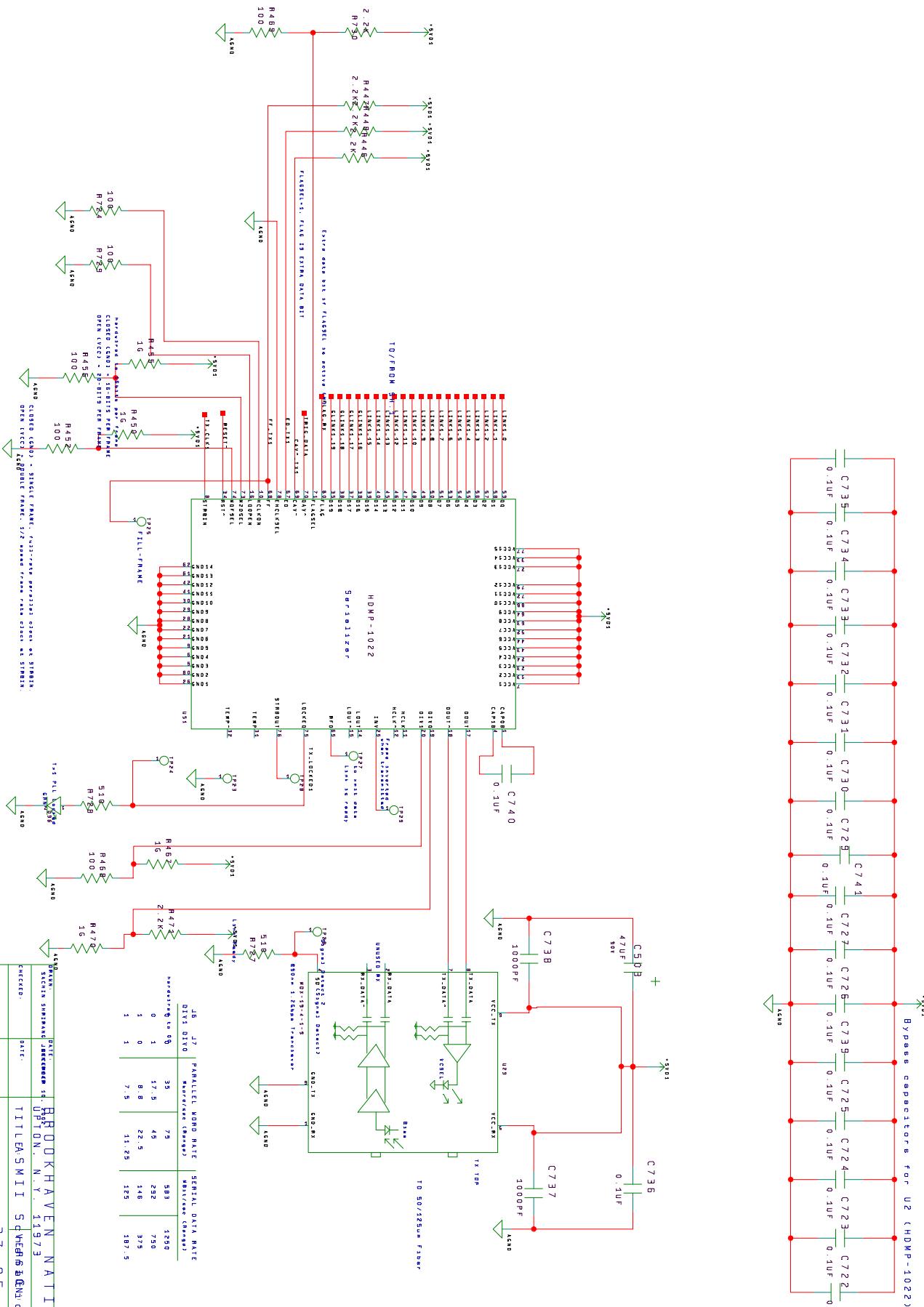


Inputs to these muxes come from SH 26 through 33 in that order

PRINT SHEET	DATE	REV DATE	REVISION
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SHEET : 35 OF 38





PRINTED CIRCUIT BOARD  
DRAWN BY R. D. HAVEN NATION  
DATE DRAWN: 10/29/73  
CHECKED DATE: 10/29/73  
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